



VISN 10 Central Ohio Market Data Discovery & Findings

Submission to VISN Leadership
October 4, 2019



VISN 10: Central Ohio Market

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Overview



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Overview ► **Document Purpose**

The Data Discovery & Findings (DD&F) deck is a standardized collection of data that will be used across market assessments to understand important aspects of each market. It is similar to the deck that was presented during previous VHA Office of Policy and Planning (OPP) market assessment trainings and will be used to develop key findings and inform the development of opportunities to create high-performing networks of care.

Data is pulled from a wide range of VA and commercial sources, and each slide cites the relevant data source.

The DD&F is one piece of the overall market assessment process. The assessments will also be informed by review of local data and site visits to ensure that both qualitative and quantitative data are considered. No single data point will be used as the deciding factor in determining opportunities for the market.



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Overview ► **Assumptions**• **VA Data & Analysis**

- ✓ All VA data was extracted and provided by VA for use in the DD&F.
- ✓ When there were discrepancies between data obtained from local sources and data obtained from national sources, national sources were used.
- ✓ In various places throughout the deck, there are mappings to translate data between different data types (e.g., HSPC, bed sections, stop codes, specialty, services lines, CPTs, DRGs, etc.). These mappings were provided by the Office of Policy & Planning (OPP) and implemented to aggregate or categorize data for display in the slides. It also allows for a better programmatic view of care.
- ✓ Treating facilities that have a parent in a different market are displayed in both the treating facility market and the parent market.
- ✓ Enrollee Health Care Projection Model (EHCPM) citations include a combination of market-based and facility-based projections. These two projection model views are different, and the numbers are not intended to match.
- ✓ EHCPM data for the year 2017 is pulled from the “Actuals” databases instead of the projected year 2017.
- ✓ The facilities contained within the DD&F are based on the Facility Hierarchy file provided by OPP. Any data for facilities not in this file are not included in the DD&F. Additionally, the facility market, county, parent, and name are found within this file.
- ✓ The market hierarchy geography used to create the DD&F is from the BY17 EHCPM. All VISN/Market/County mappings are based off of this geography.
- ✓ Numeric values of data throughout the DD&F are rounded.
- ✓ Office of Community Care data was obtained using the Program Integrity Tool. This data may have anomalies, gaps, and missing values due to various methods of processing Choice data within the last several years. Any identified gaps were addressed with reasonable logic wherever possible; however, errors may remain.
- ✓ For maps, any site of care deactivated in VAST after July 18, 2019 will not be reflected.
- ✓ For workload trending purposes, slides may contain facilities that are deactivated, if they had workload in FY16, FY17 or FY18.
- ✓ Planned sites of care are not included on maps unless specifically requested and justified.



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Overview ► **Assumptions, cont.****• Commercial Market Data & Analysis**

✓The commercial market capacity assessment considers only reported physical capacity and does not incorporate: 1) ability to staff patient care services or accept VA patients; 2) length of time to change facilities to accommodate Veteran demand; and 3) any negotiations for specific rates for care provided in the community.

✓Pediatric healthcare was not considered.

✓IBM Market Expert FTE estimated demand is based on a median provider productivity level by service line.

✓The 10 year commercial workload estimates are based on the 10 year IBM/Watson Health Market Expert projections straight-lined through 2028.

✓Community hospitals within a 60 minute drive time of the VAMC's zip code were the primary focus for assessment and used as a comparison to each VAMC.

✓Due to differences in hospitals' cost reporting periods, FY18 CMS Cost Report data was used when available and FY17 CMS Cost Report data was used when FY18 data was not available.

• Quality

✓Differences in quality metrics between VA and widely accepted commercial benchmarks introduce significant subjectivity.

• Cost Analysis and Recommendations

✓This is a high-level cost analysis. It compares three data points: internal VA cost to provide care to Veterans, potential cost to acquire the same care in the market at Medicare rates, and existing experience with purchase of Non-VA care as applicable.

✓Adjusted total cost by DRG as well as non-VA purchased care paid by DRG was provided by VA.



Demographics ► **Market Geography and Demographics**



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Demographics ► Existing VA Market and Facility Hierarchy

MARKET CODE	MARKET NAME	2017 MARKET ENROLLEE POPULATION	SUBMARKET CODE	SUBMARKET NAME	2017 SUBMARKET ENROLLEE POPULATION	MEDICAL CENTER NAME	SECTOR CODE	SECTOR ENROLLEE 2017 POP	PROJECTED SECTOR ENROLLEE 2027 POP	SECTOR CHANGE RATE 2017-2027	EXISTING FACILITY NAME	EXISTING FACILITY TYPE
10-d	(V10) Central Ohio	79,480	10-d-1	V10 Central Ohio Sub Chillicothe	28,626	(V10) (538) Chillicothe	10-d-1-B	16,486	16,149	-2.0%	(V10) (538GA) Athens-Ohio	Primary Care CBOC
											(V10) (538GC) Marietta	Multi-Specialty CBOC
											(V10) (538GD) Lancaster	Primary Care CBOC
											(V10) (538GE) Cambridge-Ohio	Primary Care CBOC
							10-d-1-D	12,140	11,564	-4.7%	(V10) (538) Chillicothe	VA Medical Center (VAMC)
											(V10) (538GB) Portsmouth	Primary Care CBOC
			10-d-2	V10 Central Ohio Sub Columbus	50,854	(V10) (757) Columbus	10-d-2-A	28,596	28,669	0.3%	(V10) (538GF) Wilmington-Ohio	Primary Care CBOC
											(V10) (757) Columbus	Health Care Center (HCC)
											(V10) (757GB) Grove City	Primary Care CBOC
							10-d-2-C	22,258	22,897	2.9%	(V10) (757QC) Columbus-Airport Drive	Other Outpatient Services (OOS)
											(V10) (757GA) Zanesville	Primary Care CBOC
											(V10) (757GC) Marion-Ohio	Primary Care CBOC
											(V10) (757GD) Newark	Multi-Specialty CBOC

Note: Mobile sites are not listed.

Source: 1. BY17 EHCPM 2. FY18Q4 VAST

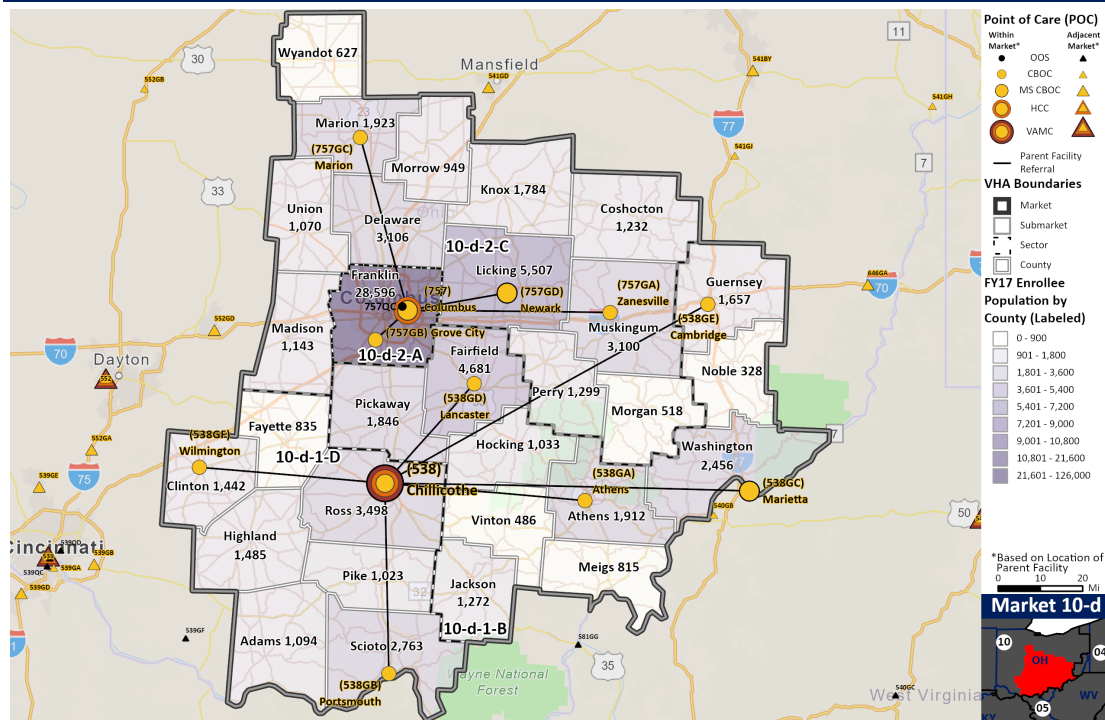
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Demographics ▶ Market Overview

Existing VHA System



Key Market Statistics

Total 2017 Enrollee Population: 79,480

• Top Counties by Enrollee Population:

- Franklin, OH: 28,596
- Licking, OH: 5,507
- Fairfield, OH: 4,681

• Total Enrollees: 47th of 96 markets

- Estimated 10-Year Enrollee Change: -0.3%
- 45th of 96 markets

Total 2017 Eligible Veteran Population: 129,860

- -17.3% estimated 10-Year Eligible Veteran Population Change

2018 Core Uniques:* 57,487

VAMC:

- (V10) (538) Chillicothe-Ohio
- (V10) (757) Columbus-Ohio

*Core uniques excludes uniques who have only used telephone triage, pharmacy, and lab.



VISN 10: Central Ohio Market

Demographics ▶ Market Enrollee Demographics

County-Based Enrollee Projections						
County	Sector	FY17	FY27	10 Yr. Change	FY37	20 Yr. Change
Fairfield, OH	10-d-1-B	4,681	4,534	-3.14%	3,913	-16.41%
Washington, OH	10-d-1-B	2,456	2,443	-0.54%	2,155	-12.27%
Athens, OH	10-d-1-B	1,912	1,870	-2.22%	1,680	-12.15%
Pickaway, OH	10-d-1-B	1,846	1,809	-2.04%	1,634	-11.50%
Guernsey, OH	10-d-1-B	1,657	1,585	-4.32%	1,422	-14.15%
Jackson, OH	10-d-1-B	1,272	1,262	-0.79%	1,107	-12.93%
Hocking, OH	10-d-1-B	1,033	1,002	-3.04%	862	-16.51%
Meigs, OH	10-d-1-B	815	845	3.63%	752	-7.80%
Vinton, OH	10-d-1-B	486	454	-6.57%	409	-15.68%
Noble, OH	10-d-1-B	328	345	5.22%	314	-4.31%
Sector Subtotal	10-d-1-B	16,487	16,148	-2.05%	14,249	-13.57%
Ross, OH	10-d-1-D	3,498	3,316	-5.20%	2,839	-18.83%
Scioto, OH	10-d-1-D	2,763	2,637	-4.56%	2,314	-16.26%
Highland, OH	10-d-1-D	1,485	1,423	-4.19%	1,198	-19.35%
Clinton, OH	10-d-1-D	1,442	1,318	-8.60%	1,154	-20.02%
Pike, OH	10-d-1-D	1,023	1,061	3.73%	959	-6.25%
Adams, OH	10-d-1-D	1,094	1,059	-3.26%	905	-17.33%
Fayette, OH	10-d-1-D	835	750	-10.13%	632	-24.32%
Sector Subtotal	10-d-1-D	12,140	11,564	-4.75%	10,000	-17.63%
Franklin, OH	10-d-2-A	28,596	28,669	0.26%	25,882	-9.49%

Note: Market totals do not exactly match following slides due to rounding by county within EHCPM.

Source: BY17 EHCPM VetPop & Enrollment

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VISN 10: Central Ohio Market

Demographics ► Market Enrollee Demographics, cont.

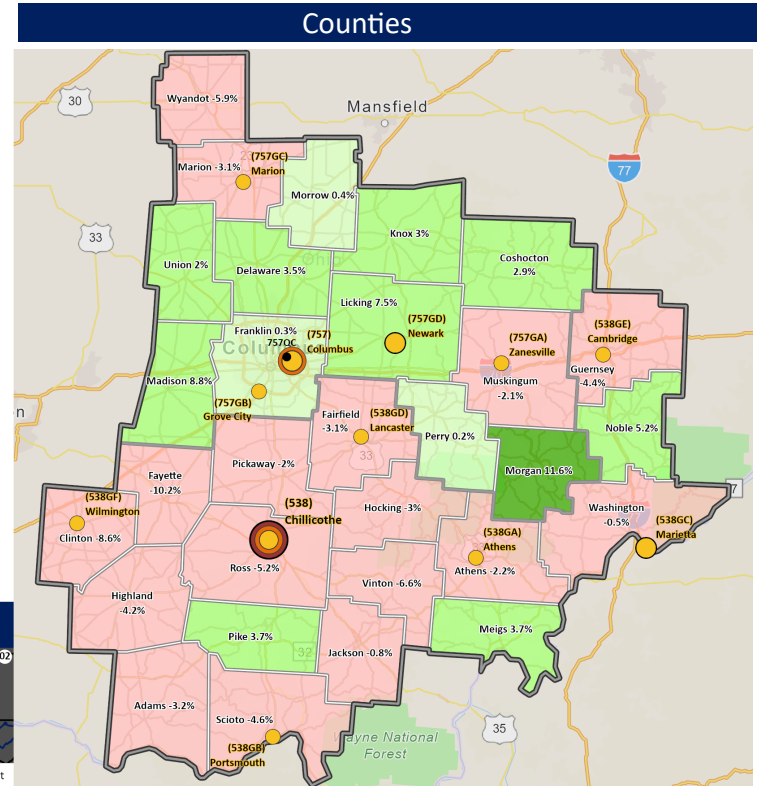
County-Based Enrollee Projections						
County	Sector	FY17	FY27	10 Yr. Change	FY37	20 Yr. Change
Sector Subtotal	10-d-2-A	28,596	28,669	0.26%	25,882	-9.49%
Licking, OH	10-d-2-C	5,507	5,920	7.51%	5,415	-1.67%
Delaware, OH	10-d-2-C	3,106	3,215	3.54%	2,962	-4.61%
Muskingum, OH	10-d-2-C	3,100	3,035	-2.10%	2,791	-9.97%
Marion, OH	10-d-2-C	1,923	1,864	-3.06%	1,711	-11.03%
Knox, OH	10-d-2-C	1,784	1,837	2.97%	1,647	-7.65%
Perry, OH	10-d-2-C	1,299	1,302	0.23%	1,186	-8.69%
Coshocton, OH	10-d-2-C	1,232	1,268	2.94%	1,079	-12.44%
Madison, OH	10-d-2-C	1,143	1,244	8.75%	1,093	-4.45%
Union, OH	10-d-2-C	1,070	1,091	1.97%	1,025	-4.23%
Morrow, OH	10-d-2-C	949	953	0.43%	855	-9.90%
Wyandot, OH	10-d-2-C	627	590	-5.91%	528	-15.74%
Morgan, OH	10-d-2-C	518	578	11.63%	557	7.58%
Sector Subtotal	10-d-2-C	22,257	22,897	2.88%	20,849	-6.33%
Market Total	10-d	79,480	79,279	-0.25%	70,980	-10.70%

Note: Market totals do not exactly match following slides due to rounding by county within EHCPM.

Source: BY17 EHCPM VetPop & Enrollment

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Source: BY17 EHCPM VetPop & Enrollment

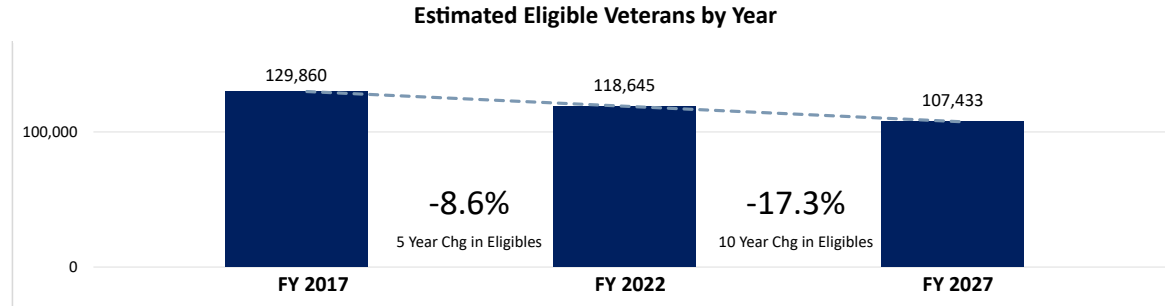




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Demographics ► Market Enrollee and Eligible Demographics

Market-Based Enrollee and Eligible Projections						
Geography	Measure	FY17	FY27	10 Yr. Change	FY37	20 Yr. Change
VISN	EOY Enrollees	668,504	662,656	-0.9%	578,845	-13.4%
Market	EOY Enrollees	79,480	79,279	-0.3%	70,980	-10.7%
National	EOY Enrollees	8,753,704	8,896,391	1.6%	8,262,997	-5.6%
VISN	Eligible Veterans	1,135,601	884,968	-22.1%	680,940	-40.0%
Market	Eligible Veterans	129,860	107,433	-17.3%	86,686	-33.2%
National	Eligible Veterans	14,271,277	12,265,488	-14.1%	10,448,365	-26.8%





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Demographics ► Market Enrollee and Eligible Demographics, cont.

Sector-Based Enrollee and Eligible Projections						
Sector	Measure	FY17	FY27	10 Yr. Change	FY37	20 Yr. Change
10-d-1-B	EOY Enrollees	16,487	16,148	-2.1%	14,249	-13.6%
10-d-1-D	EOY Enrollees	12,140	11,564	-4.7%	10,000	-17.6%
10-d-2-A	EOY Enrollees	28,596	28,669	0.3%	25,882	-9.5%
10-d-2-C	EOY Enrollees	22,257	22,897	2.9%	20,849	-6.3%
10-d-1-B	EOY Eligibles	25,938	22,238	-14.3%	18,165	-30.0%
10-d-1-D	EOY Eligibles	18,257	15,649	-14.3%	12,506	-31.5%
10-d-2-A	EOY Eligibles	47,413	36,498	-23.0%	27,999	-40.9%
10-d-2-C	EOY Eligibles	38,251	33,047	-13.6%	28,016	-26.8%



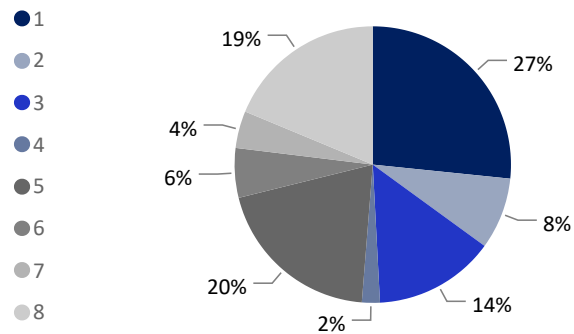
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Demographics ► Market Enrollee Priority Groups

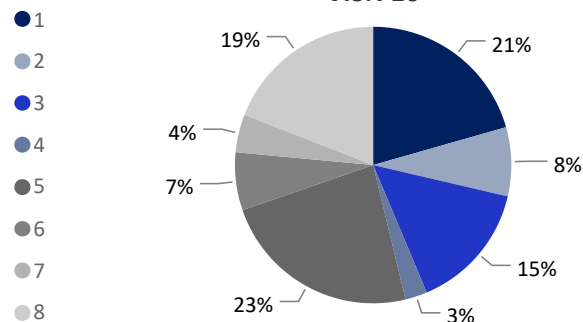
2017-2027 Market Enrollee Breakdown by Priority

Priority	Enrollees 2017	% Enrollees 2017	Enrollees 2027	% Enrollees 2027	10 Year % Change
1	15,550	19.6%	26,320	33.2%	69.3%
2	6,279	7.9%	6,391	8.1%	1.8%
3	11,307	14.2%	10,789	13.6%	-4.6%
4	1,901	2.4%	1,620	2.0%	-14.8%
5	18,564	23.4%	13,728	17.3%	-26.1%
6	6,025	7.6%	4,389	5.5%	-27.1%
7	3,743	4.7%	3,676	4.6%	-1.8%
8	16,111	20.3%	12,366	15.6%	-23.2%
Grand Total	79,480	100.0%	79,279	100.0%	-0.3%

National



VISN 10

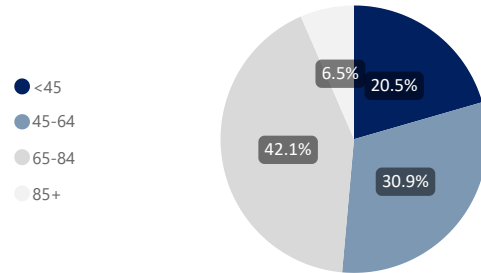




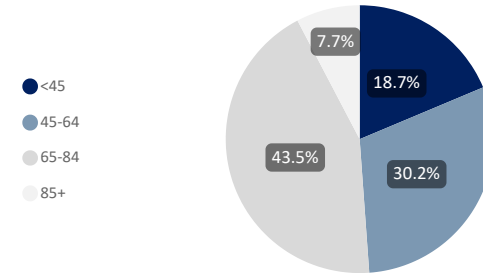
VISN 10: Central Ohio Market

Demographics ► Market Enrollee Population — Age and Gender

2017 Central Ohio Market Age Breakdown

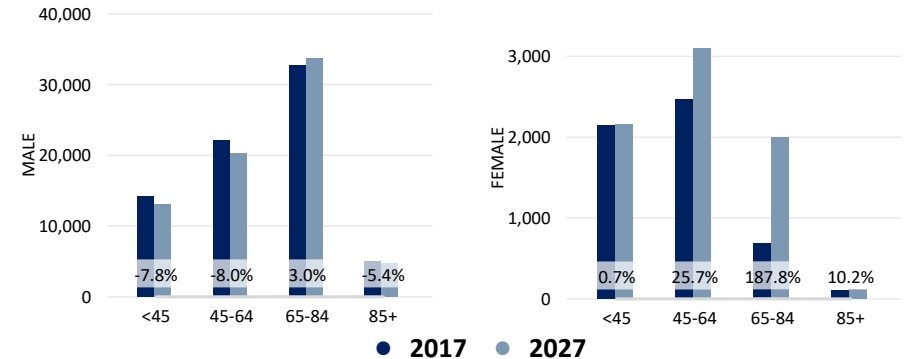


2017 VISN 10 Age Breakdown



Female Enrollee Population		
2017	2027	10 Year % Change
5,411	7,369	36.2%

Market Enrollees and Growth Rates by Age Group





VISN 10: Central Ohio Market

Demographics ► Market Reliance

	VA Facility Care	National VA Facility Care	VA Facility Variance from National	Community Care	National Community Care	Community Care Variance from National	Total Reliance	National Total Reliance	Total Reliance Variance from National
OP MED	29.1%	27.5%	1.6%	8.4%	6.1%	2.2%	37.5%	33.7%	3.8%
PATHOLOGY	46.9%	46.3%	0.6%	4.7%	2.6%	2.1%	51.6%	48.9%	2.7%
DIALYSIS	0.3%	7.4%	-7.1%	52.3%	33.4%	19.0%	52.7%	40.8%	11.9%
OP SURG	34.4%	23.3%	11.1%	7.1%	5.1%	2.0%	41.5%	28.4%	13.1%
AUDIOLOGY	75.3%	56.7%	18.6%	0.8%	2.8%	-1.9%	76.2%	59.5%	16.7%
IP MED	9.3%	18.5%	-9.3%	9.9%	5.5%	4.4%	19.1%	24.0%	-4.9%
IP SURG	4.2%	13.6%	-9.4%	14.2%	7.8%	6.4%	18.4%	21.4%	-3.0%
IP MH	40.0%	42.7%	-2.7%	6.2%	9.5%	-3.4%	46.2%	52.2%	-6.1%
OP MH	89.5%	81.1%	8.4%	4.2%	3.0%	1.1%	93.7%	84.2%	9.6%
PROSTHETICS	58.8%	47.6%	11.2%	0.0%	0.0%	0.0%	58.8%	47.6%	11.2%
TOTAL	23.2%	25.1%	-2.0%	10.3%	6.7%	3.6%	33.5%	31.8%	1.7%

Projections from the VA Enrollee Health Care Projection Model (EHCPM) account for new enrollment based on demographic changes

- Projections therefore account for a different pool of enrollees in the future as the enrollment population changes
- Some Veterans who are currently ineligible and unenrolled may become enrollees in the future

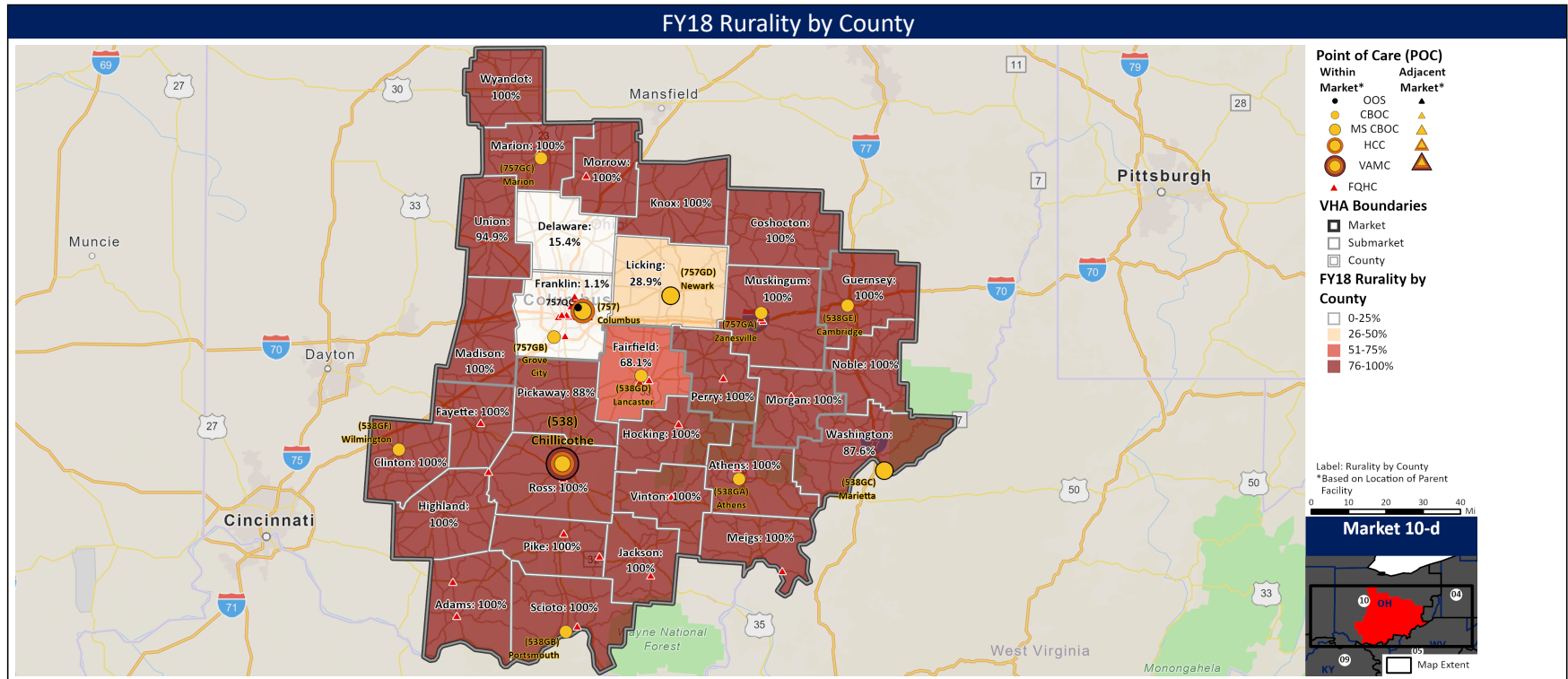
Potential use of health care in VA is projected for those Veterans who are assumed to be eligible and enrolled at a given point

- The EHCPM projects utilization of health care services rather than projecting patient/user counts
 - Some patients may use few services and some patients may use many, so projecting by utilization of health services provides a better picture of the amount of health care VA will need to provide
- Modeled projections accounts for the amount of care enrollees are expected to receive through VA rather than from their other sources of health care



VISN 10: Central Ohio Market

Demographics ► Market Current Enrollment Rurality – FY18



* Includes Rural and Highly Rural Locations.

Source: Geocoded Enrollee File FY18Q4

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VISN 10: Central Ohio Market

Demographics ► Market Current Enrollment Rurality — FY18, cont.

County	Urban Enrollees	Rural Enrollees*	% Rural	Total Enrollees
Adams, OH	0	905	100.0%	905
Athens, OH	0	1,595	100.0%	1,595
Clinton, OH	0	1,308	100.0%	1,308
Coshocton, OH	0	1,262	100.0%	1,262
Delaware, OH	2,716	495	15.4%	3,211
Fairfield, OH	1,634	3,486	68.1%	5,120
Fayette, OH	0	900	100.0%	900
Franklin, OH	27,280	297	1.1%	27,577
Guernsey, OH	0	1,536	100.0%	1,536
Highland, OH	0	1,501	100.0%	1,501
Hocking, OH	0	1,074	100.0%	1,074
Jackson, OH	0	1,255	100.0%	1,255
Knox, OH	0	1,743	100.0%	1,743
Licking, OH	4,341	1,768	28.9%	6,109
Madison, OH	0	985	100.0%	985
Marion, OH	0	1,879	100.0%	1,879
Meigs, OH	0	937	100.0%	937
Morgan, OH	0	621	100.0%	621
Morrow, OH	0	1,275	100.0%	1,275
Muskingum, OH	0	2,765	100.0%	2,765

* Includes Rural and Highly Rural Locations.

Source: Geocoded Enrollee File FY18Q4

1.13.V10.CentralOhio



VISN 10: Central Ohio Market

Demographics ► Market Current Enrollment Rurality — FY18, cont.

County	Urban Enrollees	Rural Enrollees*	% Rural	Total Enrollees
Noble, OH	0	474	100.0%	474
Perry, OH	0	1,173	100.0%	1,173
Pickaway, OH	234	1,716	88.0%	1,950
Pike, OH	0	1,089	100.0%	1,089
Ross, OH	0	3,415	100.0%	3,415
Scioto, OH	0	2,729	100.0%	2,729
Union, OH	66	1,229	94.9%	1,295
Vinton, OH	0	533	100.0%	533
Washington, OH	280	1,983	87.6%	2,263
Wyandot, OH	0	569	100.0%	569
Total	36,551	42,497	53.8%	79,048

* Includes Rural and Highly Rural Locations.

Source: Geocoded Enrollee File FY18Q4

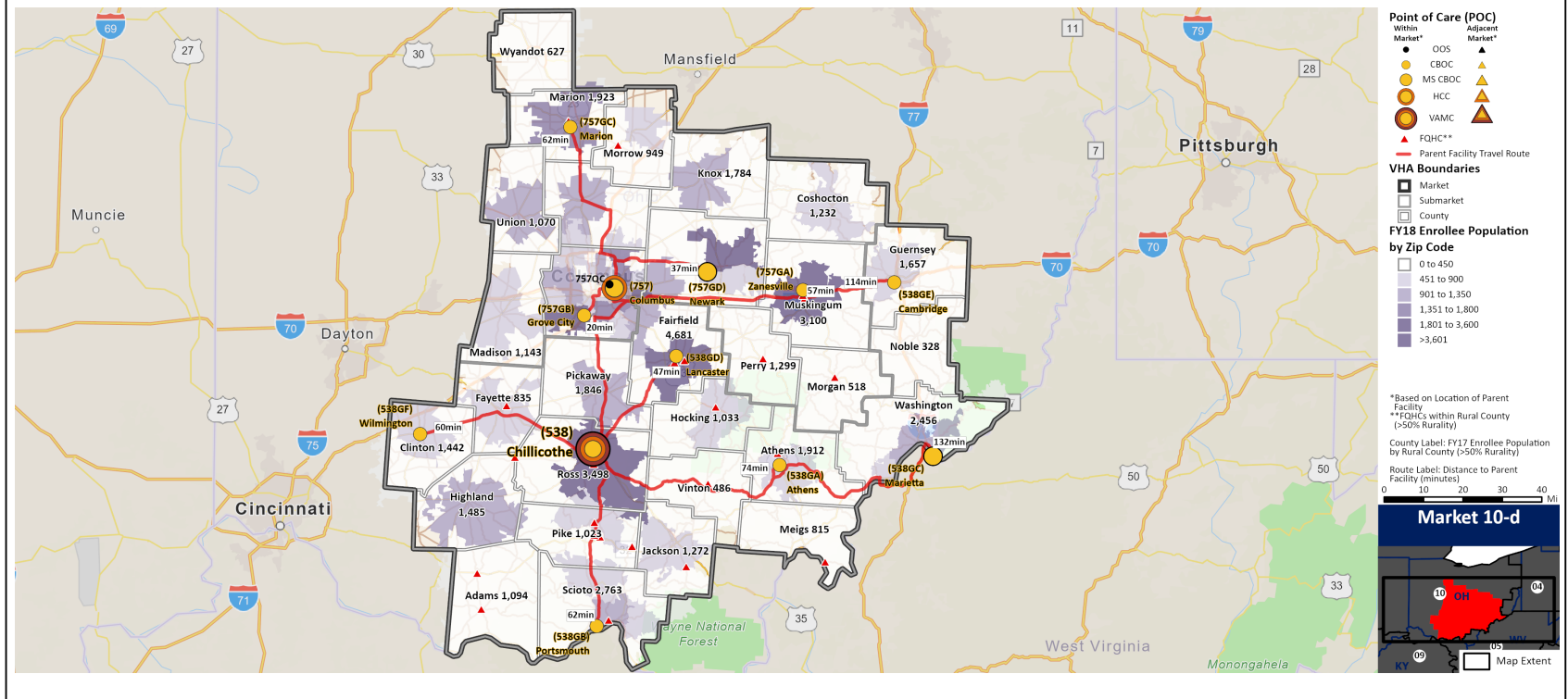
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VISN 10: Central Ohio Market

Demographics ► Market Rurality

FQHCs Within Rural Counties (>50% Demographics)



Source: 1. Geocoded Enrollee File FY18Q4 2. HRSA Data Warehouse

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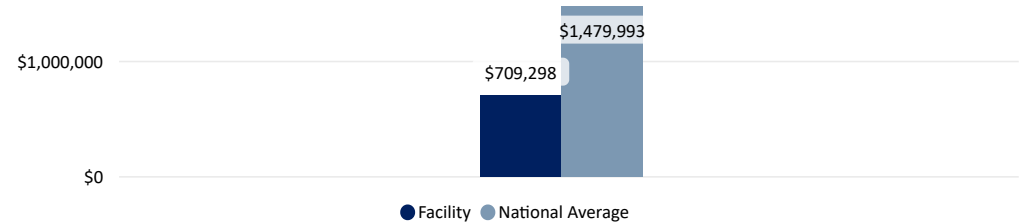
VISN 10: Central Ohio Market — Chillicothe-Ohio

Demographics ► Office of Rural Health FY19 Funded Project List

Parent Facility	Treating Facility Number	Treating Facility Name	Initiative Title	Approved Funding
(V10) (538) Chillicothe-Ohio	538	(V10) (538) Chillicothe-Ohio	Clinical Pharmacy Specialist (CPS) Providers	\$536,312
(V10) (538) Chillicothe-Ohio	538	(V10) (538) Chillicothe-Ohio	Home Based Primary Care (HBPC)	\$172,986
(V10) (538) Chillicothe-Ohio	538	(V10) (538) Chillicothe-Ohio	Clinical Skills Training in Women Veterans Health Care	\$0

Office of Rural Health Project Funding Allocation		
Medical Center	% National 2019	Total Funding
Chillicothe-Ohio	0.41%	\$709,298
National	100.00%	\$173,159,235

FY19 Office of Rural Health Funded Project Allocation vs. Average National Allocation*

Rank: **68** out of 117 Parent Facilities (ranked by total \$ funding)

*111 Parent Facilities received ORH Funding Allocation for FY19

Note: The FY19 Funded Project List includes the top ten projects by approved funding.

Source: VHA Office of Rural Health

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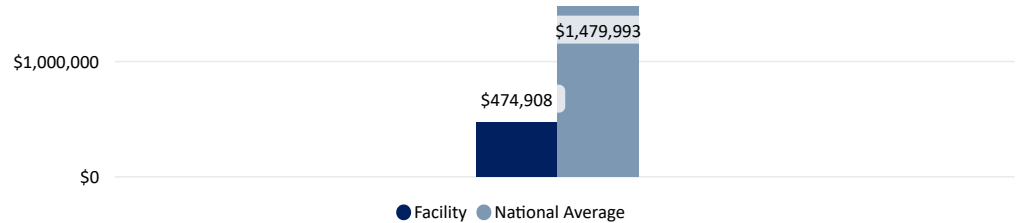
VISN 10: Central Ohio Market — Columbus-Ohio

Demographics ► Office of Rural Health FY19 Funded Project List

Parent Facility	Treating Facility Number	Treating Facility Name	Initiative Title	Approved Funding
(V10) (757) Columbus-Ohio	757GC	(V10) (757GC) Marion-Ohio	Medical Foster Home	\$303,000
(V10) (757) Columbus-Ohio	757	(V10) (757) Columbus-Ohio	Advanced Care Planning via Group Visits	\$115,628
(V10) (757) Columbus-Ohio	757	(V10) (757) Columbus-Ohio	Teledermatology Hub	\$56,280

Office of Rural Health Project Funding Allocation		
Medical Center	% National 2019	Total Funding
Columbus-Ohio	0.27%	\$474,908
National	100.00%	\$173,159,235

FY19 Office of Rural Health Funded Project Allocation vs. Average National Allocation*

Rank: **82** out of 117 Parent Facilities (ranked by total \$ funding)

*111 Parent Facilities received ORH Funding Allocation for FY19

Note: The FY19 Funded Project List includes the top ten projects by approved funding.

Source: VHA Office of Rural Health

1.16.V10.CentralOhio.757



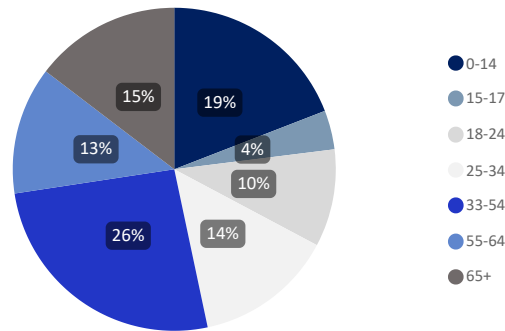
VISN 10: Central Ohio Market

Demographics ► Overall Market Population (Veterans and Non-Veterans) — Central Ohio Market

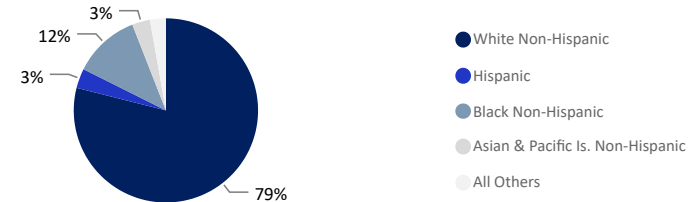
Demographic Summary – Central Ohio			
	2018	2028*	% Change
Population	2,923,710	3,082,554	5.4%
Male	1,445,764	1,525,274	5.5%
Female	1,477,946	1,557,280	5.4%

* Population projections available through 2023; straight line growth rates applied through 2028.

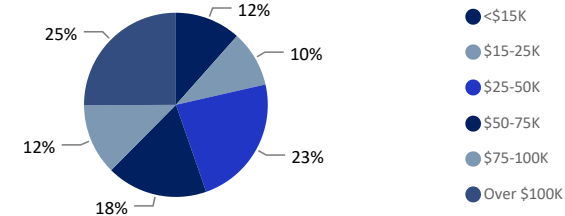
Population Distribution by Age Group



Population Distribution by Race/Ethnicity



Households by Income Group





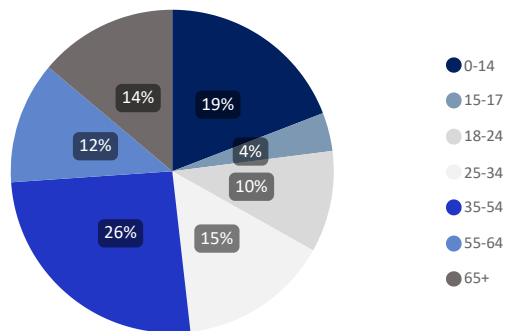
VISN 10: Central Ohio Market — Chillicothe-Ohio

Demographics ► Overall Parent Facility Area Population (Veterans and Non-Veterans) — Chillicothe-Ohio Area

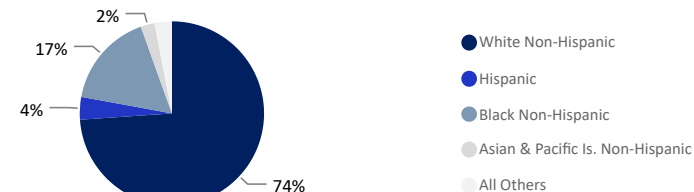
Demographic Summary – Chillicothe-Ohio Area			
	2018	2028*	% Change
Population	1,427,475	1,508,908	5.7%
Female	718,796	759,449	5.7%
Male	708,679	749,459	5.8%

* Population projections available through 2023; straight line growth rates applied through 2028. Population based on area within 60 minute drive from applicable VAMC/HCC.

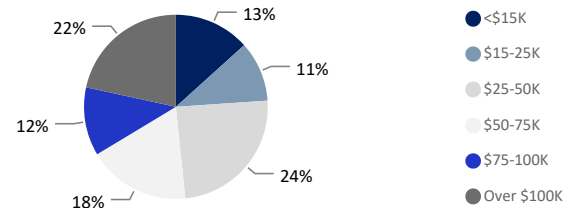
Population Distribution by Age Group



Population Distribution by Race/Ethnicity



Households by Income Group





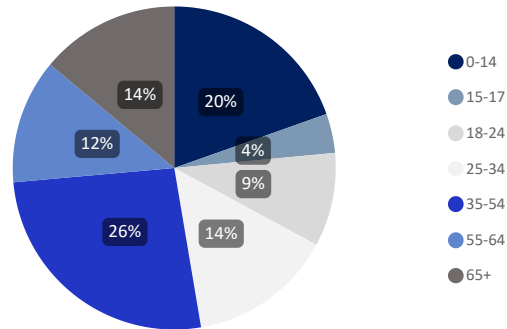
VISN 10: Central Ohio Market — Columbus-Ohio

Demographics ► Overall Parent Facility Area Population (Veterans and Non-Veterans) — Columbus-Ohio Area

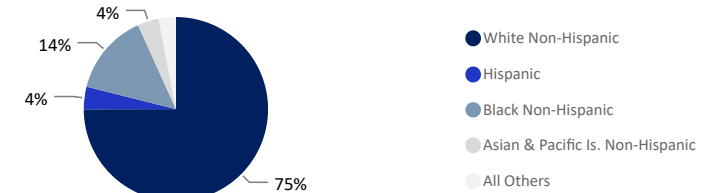
Demographic Summary – Columbus-Ohio Area			
	2018	2028*	% Change
Population	2,340,837	2,503,311	6.9%
Female	1,190,491	1,271,854	6.8%
Male	1,150,346	1,231,457	7.1%

* Population projections available through 2023; straight line growth rates applied through 2028. Population based on area within 60 minute drive from applicable VAMC/HCC.

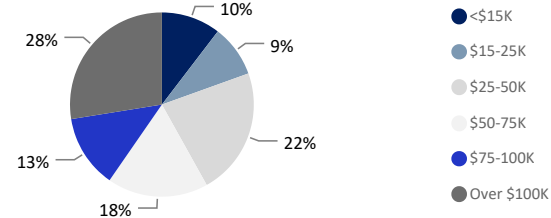
Population Distribution by Age Group



Population Distribution by Race/Ethnicity



Households by Income Group





Demand ► Estimated Current and Historic Market Demand — Outpatient



VISN 10: Central Ohio Market

Demand ► Core Uniques Trends by Facility

Core Uniques*							
Facility	FY13	FY14	FY15	FY16	FY17	FY18	6 Year Change
(V10) (538) Chillicothe-Ohio	17,920	18,355	18,356	18,464	18,676	18,770	4.7%
(V10) (538BU) VADOM Chillicothe	596	601	602	613	636	653	9.6%
(V10) (538GA) Athens-Ohio	2,309	2,421	2,277	2,218	2,179	2,184	-5.4%
(V10) (538GB) Portsmouth-Ohio	2,735	2,743	2,472	2,513	2,468	2,527	-7.6%
(V10) (538GC) Marietta	1,659	1,459	1,485	1,584	1,860	1,972	18.9%
(V10) (538GD) Lancaster	2,977	3,212	3,108	3,254	3,182	3,194	7.3%
(V10) (538GE) Cambridge-Ohio	1,555	1,648	1,697	1,685	1,650	1,716	10.4%
(V10) (538GF) Wilmington-Ohio	N/A	N/A	N/A	N/A	783	999	N/A
(V10) (538QA) Chillicothe Mobile	N/A	N/A	N/A	13	55	65	N/A
(V10) (757) Columbus-Ohio	34,841	35,929	35,690	36,864	37,348	37,909	8.8%
(V10) (757GA) Zanesville	3,481	3,526	3,608	3,577	3,576	3,652	4.9%
(V10) (757GB) Grove City	3,096	3,224	3,413	3,644	3,527	3,819	23.4%
(V10) (757GC) Marion-Ohio	2,545	2,678	2,793	2,934	3,058	3,120	22.6%
(V10) (757GD) Newark-Ohio	3,489	3,797	4,039	4,172	4,198	4,502	29.0%
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	83	80	13	N/A
(V10) (757QC) Columbus-Airport Drive	N/A	N/A	N/A	1,156	4,612	4,332	N/A

*Core uniques excludes uniques who have only used telephone triage, pharmacy, and lab.



VISN 10: Central Ohio Market

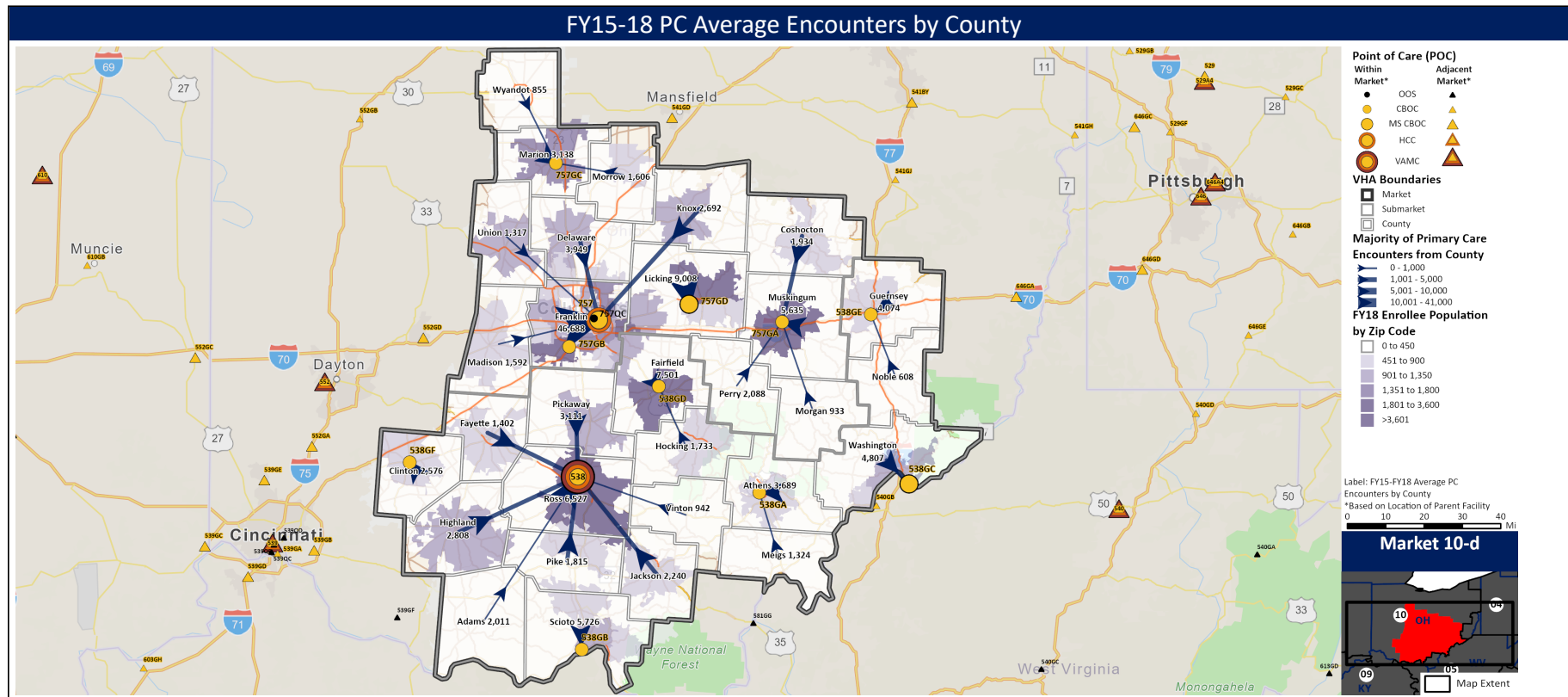
Demand ► Outpatient Encounters FY15-18

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	32,683	31,233	37,645	47,632	20,061	20,984	21,068	20,908	52,429	53,626	55,269	58,375
(V10) (538GA) Athens-Ohio	3,662	3,690	3,309	3,318	5,153	5,177	4,476	4,725	2,970	2,838	2,770	2,466
(V10) (538GB) Portsmouth-Ohio	2,914	3,033	2,943	3,014	5,726	5,621	5,828	6,758	2,823	3,332	3,136	2,949
(V10) (538GC) Marietta	1,462	1,577	2,387	2,444	3,596	3,937	4,661	4,649	1,876	2,319	2,985	3,107
(V10) (538GD) Lancaster	3,504	3,631	3,783	4,077	6,402	6,566	6,757	6,431	3,730	3,947	3,990	4,092
(V10) (538GE) Cambridge-Ohio	2,637	2,555	3,561	3,450	3,775	3,972	4,247	4,526	2,010	2,357	2,282	2,403
(V10) (538GF) Wilmington-Ohio	N/A	N/A	447	1,150	N/A	N/A	1,373	2,783	N/A	N/A	78	175
(V10) (538) Chillicothe-Ohio Total	46,862	45,719	54,075	65,085	44,713	46,257	48,410	50,780	65,838	68,419	70,510	73,567
(V10) (757) Columbus-Ohio	40,972	44,931	30,475	31,746	53,517	56,438	55,063	60,944	173,803	177,656	191,667	194,817
(V10) (757GA) Zanesville	2,905	2,176	2,996	2,696	8,078	8,024	8,159	8,184	1,728	2,017	2,210	2,156
(V10) (757GB) Grove City	2,245	2,323	1,687	2,824	5,577	6,599	5,987	5,871	2,701	3,049	2,929	3,175
(V10) (757GC) Marion-Ohio	2,965	2,957	2,839	2,707	5,960	6,517	6,337	6,452	1,521	1,901	2,269	2,350
(V10) (757GD) Newark-Ohio	3,013	2,828	1,410	2,333	7,300	8,022	8,244	8,138	5,039	5,370	5,863	6,250
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	N/A	N/A	76	83	13	N/A	N/A	N/A	N/A
(V10) (757QC) Columbus-Airport Drive	N/A	1,628	18,188	17,895	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(V10) (757) Columbus-Ohio Total	52,100	56,843	57,595	60,201	80,432	85,676	83,873	89,602	184,792	189,993	204,938	208,748
(V10) Central Ohio Total	98,962	102,562	111,670	125,286	125,145	131,933	132,283	140,382	250,630	258,412	275,448	282,315



VISN 10: Central Ohio Market

Demand ► Primary Care Encounters – FY15-18



Source: 1. VSSC Encounters Cube 2. Geocoded Enrollee File FY18Q4

2.1.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Demand ► Primary Care Encounters – FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Adams,OH	2,010	2,052	(538) Chillicothe-Ohio	35.6%
Athens,OH	3,689	3,696	(538GA) Athens-Ohio	82.6%
Clinton,OH	2,576	2,678	(538GF) Wilmington-Ohio	62.0%
Coshocton,OH	1,934	1,965	(757GA) Zanesville	62.7%
Delaware,OH	3,948	4,448	(757) Columbus-Ohio	84.1%
Fairfield,OH	7,501	7,679	(538GD) Lancaster	58.8%
Fayette,OH	1,402	1,524	(538) Chillicothe-Ohio	78.7%
Franklin,OH	46,688	49,410	(757) Columbus-Ohio	87.1%
Guernsey,OH	4,074	4,397	(538GE) Cambridge-Ohio	80.4%
Highland,OH	2,807	2,861	(538) Chillicothe-Ohio	58.9%
Hocking,OH	1,733	1,776	(538GD) Lancaster	48.8%
Jackson,OH	2,240	2,312	(538) Chillicothe-Ohio	85.2%
Knox,OH	2,691	2,761	(757) Columbus-Ohio	42.9%
Licking,OH	9,008	9,329	(757GD) Newark-Ohio	67.7%
Madison,OH	1,591	1,592	(757) Columbus-Ohio	55.2%
Marion,OH	3,138	3,142	(757GC) Marion-Ohio	91.0%
Meigs,OH	1,323	1,279	(538GA) Athens-Ohio	50.0%
Morgan,OH	933	980	(757GA) Zanesville	51.6%
Morrow,OH	1,605	1,749	(757GC) Marion-Ohio	51.5%
Muskingum,OH	5,635	5,623	(757GA) Zanesville	85.2%

Note: Yellow cells indicate counties going out of Market/VISN for the majority of encounters.

Source: 1. VSSC Encounters Cube 2. Geocoded Enrollee File FY18Q4

2.1.V10.CentralOhio



VISN 10: Central Ohio Market

Demand ► Primary Care Encounters – FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Noble,OH	607	701	(538GE) Cambridge-Ohio	41.2%
Perry,OH	2,088	2,178	(757GA) Zanesville	34.8%
Pickaway,OH	3,111	3,501	(538) Chillicothe-Ohio	65.8%
Pike,OH	1,814	1,955	(538) Chillicothe-Ohio	91.9%
Ross,OH	6,527	7,421	(538) Chillicothe-Ohio	95.9%
Scioto,OH	5,726	6,370	(538GB) Portsmouth-Ohio	78.1%
Union,OH	1,317	1,406	(757) Columbus-Ohio	66.4%
Vinton,OH	942	990	(538) Chillicothe-Ohio	69.2%
Washington,OH	4,807	5,135	(538GC) Marietta	69.4%
Wyandot,OH	855	853	(757GC) Marion-Ohio	69.1%
Total	134,320	141,763		

Note: Yellow cells indicate counties going out of Market/VISN for the majority of encounters.

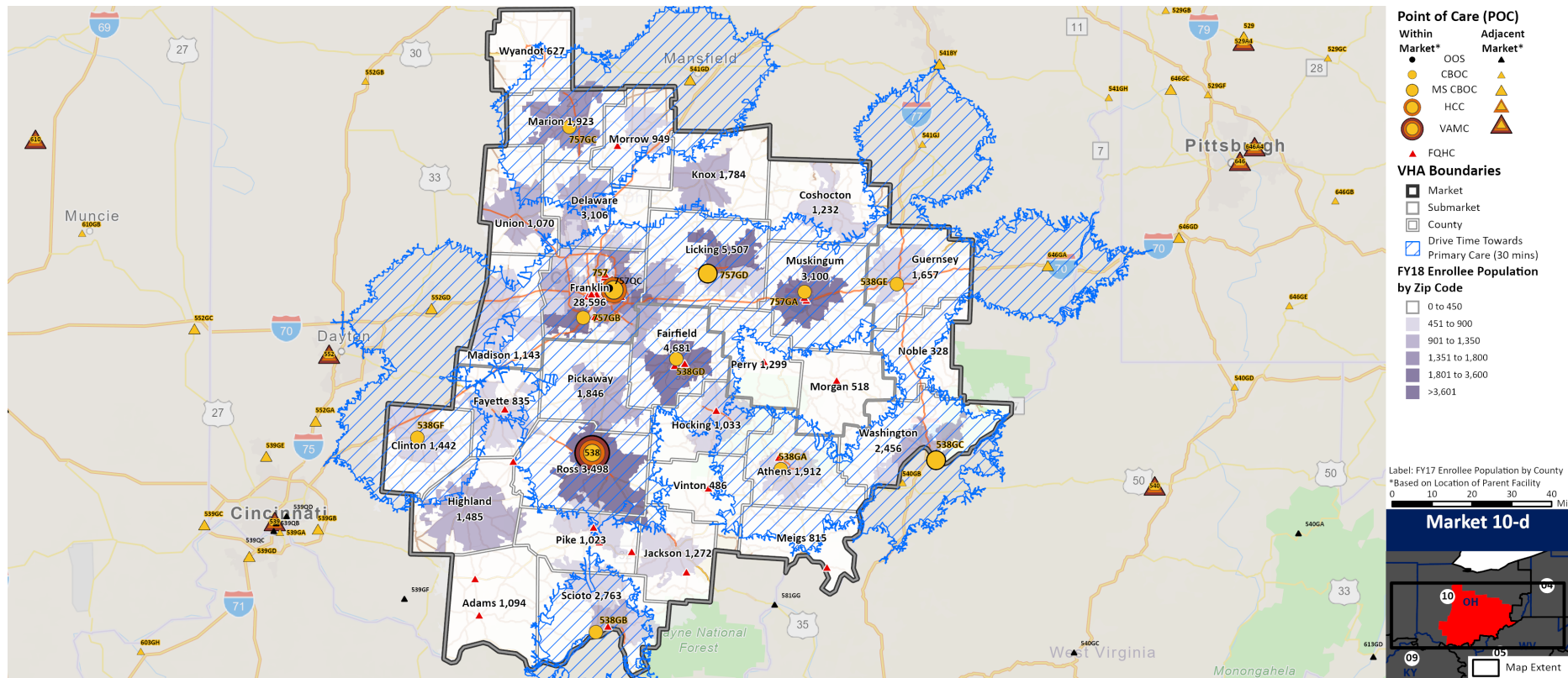
Source: 1. VSSC Encounters Cube 2. Geocoded Enrollee File FY18Q4

2.1.V10.CentralOhio#2



VISN 10: Central Ohio Market

Demand ► Primary Care Drive Times for FY18 Enrollees



Source: Geocoded Enrollee File FY18Q4

2.3.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Top Primary Care Stop Code* Trends FY15-FY18 — Chillicothe-Ohio

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch
(V10) (538) Chillicothe-Ohio	(323) PRIMARY CARE/MEDICINE	20,061	20,984	21,068	20,908	4.2%	8,012	7,935	7,994	7,551	-5.8%	21,384	20,855	23,051	23,813	11.4%
(V10) (538GA) Athens-Ohio	(323) PRIMARY CARE/MEDICINE	5,142	5,177	4,476	4,725	-8.1%	1,856	1,808	1,724	1,759	-5.2%	4,869	4,716	4,201	4,587	-5.8%
(V10) (538GA) Athens-Ohio	(350) GeriPACT	11	N/A	N/A	N/A	-100.0%	5	N/A	N/A	N/A	-100.0%	0	N/A	N/A	N/A	
(V10) (538GB) Portsmouth-Ohio	(323) PRIMARY CARE/MEDICINE	5,726	5,621	5,828	6,758	18.0%	2,087	2,042	2,033	2,077	-0.5%	5,708	4,907	5,276	6,564	15.0%
(V10) (538GC) Marietta	(323) PRIMARY CARE/MEDICINE	3,596	3,937	4,661	4,649	29.3%	1,393	1,406	1,503	1,506	8.1%	3,917	3,824	6,611	6,964	77.8%
(V10) (538GD) Lancaster	(323) PRIMARY CARE/MEDICINE	6,402	6,566	6,757	6,431	0.5%	2,524	2,636	2,641	2,656	5.2%	6,323	5,776	6,868	6,875	8.7%
(V10) (538GE) Cambridge-Ohio	(323) PRIMARY CARE/MEDICINE	3,775	3,972	4,247	4,526	19.9%	1,291	1,342	1,276	1,298	0.5%	3,736	3,719	4,082	4,297	15.0%

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments. * Includes top 3 stop codes, where applicable (some sites reported less than 3).



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Top Primary Care Stop Code* Trends FY15-FY18 — Chillicothe-Ohio, cont.

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch
(V10) (538GF) Wilmington-Ohio	(323) PRIMARY CARE/MEDICINE	N/A	N/A	1,373	2,783		N/A	N/A	701	964		N/A	N/A	1,017	2,214	

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments. * Includes top 3 stop codes, where applicable (some sites reported less than 3).

Source: VSSC Encounters Cube – Public Grouping (Primary Care)

2.4.V10.CentralOhio.538#2



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Top Primary Care Stop Code* Trends FY15-FY18 — Columbus-Ohio

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch
(V10) (757) Columbus-Ohio	(323) PRIMARY CARE/MEDICINE	50,325	52,471	50,532	55,912	11.1%	19,966	19,744	18,952	20,478	2.6%	46,529	46,537	47,664	60,382	29.8%
(V10) (757) Columbus-Ohio	(322) Comprehensive Women's Primary Care Clinic	3,192	3,967	4,322	4,329	35.6%	1,382	1,446	1,566	1,643	18.9%	3,608	4,709	5,741	6,631	83.8%
(V10) (757) Columbus-Ohio	(350) GeriPACT	N/A	N/A	209	703		N/A	N/A	80	177		N/A	N/A	179	665	
(V10) (757GA) Zanesville	(323) PRIMARY CARE/MEDICINE	8,078	8,024	8,159	8,184	1.3%	3,244	3,125	3,176	3,204	-1.2%	8,895	7,745	7,810	8,426	-5.3%
(V10) (757GB) Grove City	(323) PRIMARY CARE/MEDICINE	5,577	6,599	5,987	5,871	5.3%	2,411	2,553	2,507	2,483	3.0%	4,977	6,044	5,696	6,770	36.0%
(V10) (757GC) Marion-Ohio	(323) PRIMARY CARE/MEDICINE	5,960	6,517	6,337	6,452	8.3%	2,515	2,612	2,674	2,695	7.2%	6,221	6,960	6,872	7,861	26.4%
(V10) (757GD) Newark-Ohio	(323) PRIMARY CARE/MEDICINE	7,277	8,022	8,244	8,138	11.8%	3,058	3,235	3,288	3,193	4.4%	7,595	8,931	10,057	9,997	31.6%

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments. * Includes top 3 stop codes, where applicable (some sites reported less than 3).



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Top Primary Care Stop Code* Trends FY15-FY18 — Columbus-Ohio, cont.

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch	FY15	FY16	FY17	FY18	4 Yr. Ch
(V10) (757GD) Newark-Ohio	(322) Comprehensive Women's Primary Care Clinic	23	N/A	N/A	N/A	-100.0%	22	N/A	N/A	N/A	-100.0%	35	N/A	N/A	N/A	-100.1%
(V10) (757QA) Columbus 1 Mobile	(323) PRIMARY CARE/MEDICINE	N/A	76	83	13		N/A	75	80	13		N/A	113	128	19	

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments. * Includes top 3 stop codes, where applicable (some sites reported less than 3).

Source: VSSC Encounters Cube – Public Grouping (Primary Care)

2.4.V10.CentralOhio.757#2



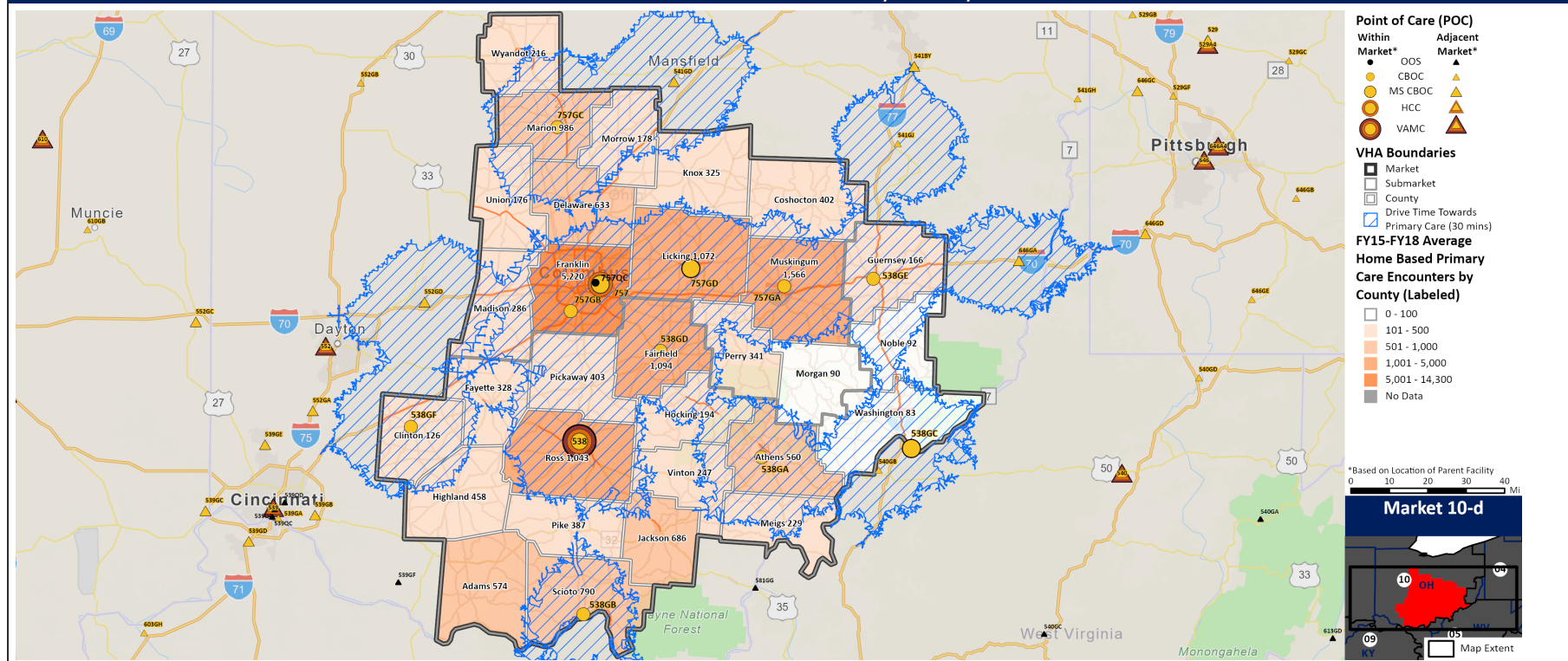
VISN 10: Central Ohio Market

Demand



Home-Based Primary Care

FY18 HBPC Encounters by County



Source: VSSC Encounters Cube

2.14.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Demand ► Home-Based Primary Care, cont.

FY15-18 HBPC Uniques & Encounter Distribution										
Facility	Uniques					Encounters				
	FY15	FY16	FY17	FY18	AVG	FY15	FY16	FY17	FY18	AVG
(538) Chillicothe-Ohio	224	249	283	214	242	2,500	2,991	3,583	3,624	3,174
(538GA) Athens-Ohio	116	144	121	143	131	1,050	1,096	1,160	1,399	1,176
(538GB) Portsmouth-Ohio	89	131	98	83	100	810	1,224	1,347	1,359	1,185
(538GD) Lancaster	138	173	162	84	139	1,149	1,578	1,523	1,228	1,369
(757) Columbus-Ohio	312	312	307	388	329	5,650	5,831	5,967	6,806	6,063
(757GA) Zanesville	132	149	144	192	154	2,646	3,140	3,041	2,850	2,919
(757GC) Marion-Ohio	113	130	126	140	127	2,182	2,393	2,559	2,584	2,429
(757GD) Newark-Ohio	61	13	N/A	N/A	37	798	60	N/A	N/A	429



VISN 10: Central Ohio Market

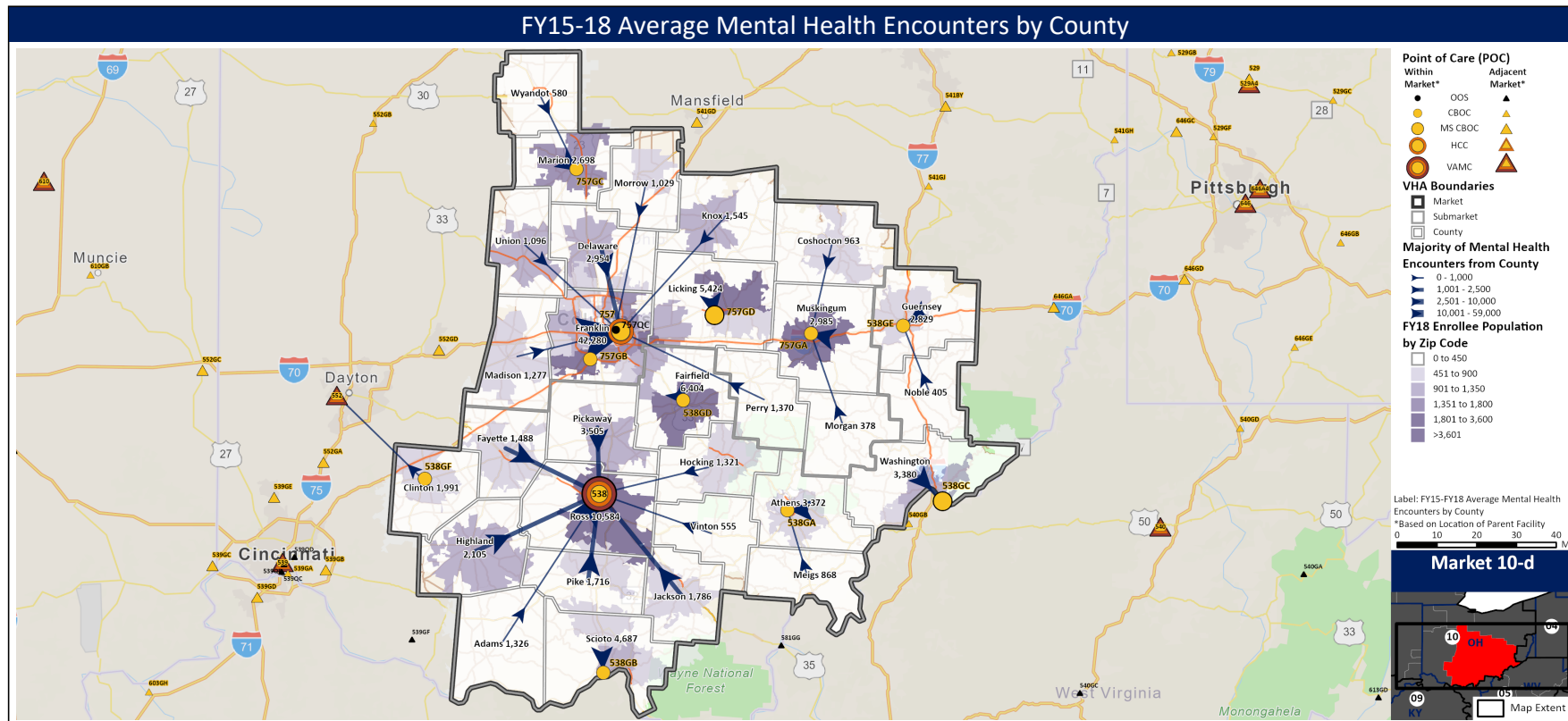
Demand ► **Home-Based Primary Care by Provider Type**

FY18 HBPC Encounters by Provider Type						
Provider Type	MD	RN	SW	MH	RD	Other
Encounters	823	11,402	1,791	1,209	923	3,702
Percentage	4.1%	57.4%	9.0%	6.1%	4.6%	18.6%



VISN 10: Central Ohio Market

Demand ► Mental Health Encounters – FY15-18



Source: 1. VSSC Encounters Cube 2. Geocoded Enrollee File FY18Q4

2.5.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Demand ► Mental Health Encounters — FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Adams,OH	1,326	1,231	(V10) (538) Chillicothe-Ohio	46.2%
Athens,OH	3,372	3,293	(V10) (538GA) Athens-Ohio	59.7%
Clinton,OH	1,991	2,700	(V10) (552) Dayton	39.9%
Coshocton,OH	963	1,319	(V10) (757GA) Zanesville	32.8%
Delaware,OH	2,954	3,924	(V10) (757) Columbus-Ohio	38.9%
Fairfield,OH	6,404	7,659	(V10) (538GD) Lancaster	30.0%
Fayette,OH	1,489	1,827	(V10) (538) Chillicothe-Ohio	82.9%
Franklin,OH	42,280	47,665	(V10) (757) Columbus-Ohio	42.8%
Guernsey,OH	2,829	3,274	(V10) (538GE) Cambridge-Ohio	60.4%
Highland,OH	2,105	2,397	(V10) (538) Chillicothe-Ohio	61.0%
Hocking,OH	1,321	1,611	(V10) (538) Chillicothe-Ohio	49.2%
Jackson,OH	1,787	1,876	(V10) (538) Chillicothe-Ohio	90.6%
Knox,OH	1,545	1,739	(V10) (757) Columbus-Ohio	26.7%
Licking,OH	5,424	5,578	(V10) (757GD) Newark-Ohio	31.4%
Madison,OH	1,277	1,252	(V10) (757) Columbus-Ohio	47.5%
Marion,OH	2,698	2,733	(V10) (757GC) Marion-Ohio	45.1%
Meigs,OH	868	904	(V10) (538GA) Athens-Ohio	52.5%
Morgan,OH	378	410	(V10) (757GA) Zanesville	35.4%



VISN 10: Central Ohio Market

Demand ► Mental Health Encounters — FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Morrow,OH	1,029	1,007	(V10) (757QC) Columbus-Airport Drive	29.3%
Muskingum,OH	2,985	3,831	(V10) (757GA) Zanesville	35.8%
Noble,OH	405	516	(V10) (538GE) Cambridge-Ohio	48.1%
Perry,OH	1,371	1,609	(V10) (757) Columbus-Ohio	28.0%
Pickaway,OH	3,505	3,305	(V10) (538) Chillicothe-Ohio	69.5%
Pike,OH	1,716	1,697	(V10) (538) Chillicothe-Ohio	90.9%
Ross,OH	10,584	13,484	(V10) (538) Chillicothe-Ohio	87.9%
Scioto,OH	4,687	4,789	(V10) (538GB) Portsmouth-Ohio	44.3%
Union,OH	1,096	1,391	(V10) (757QC) Columbus-Airport Drive	34.1%
Vinton,OH	555	443	(V10) (538) Chillicothe-Ohio	79.5%
Washington,OH	3,381	3,480	(V10) (538GC) Marietta	40.4%
Wyandot,OH	580	889	(V10) (757GC) Marion-Ohio	38.5%
Total	112,902	127,833		



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Top Mental Health Stop Code* Trends FY15-FY18 — Chillicothe-Ohio

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr Ch.	FY15	FY16	FY17	FY18	4 Yr. Ch.	FY15	FY16	FY17	FY18	4 Yr. Ch.
(V10) (538) Chillicothe-Ohio	(502) MH CLINIC IND	15,693	13,688	14,530	15,258	-2.8%	3,635	3,267	3,203	3,098	-14.8%	35,159	26,924	26,489	24,005	-31.7%
(V10) (538) Chillicothe-Ohio	(560) SUB USE DISORDER GROUP	5,255	4,299	3,966	12,253	133.2%	542	481	521	551	1.7%	1,224	673	354	488	-60.1%
(V10) (538) Chillicothe-Ohio	(550) MH CLINIC GROUP	2,663	5,235	10,929	10,607	298.3%	472	544	655	674	42.8%	1,659	2,476	4,268	4,337	161.5%
(V10) (538GA) Athens-Ohio	(502) MH CLINIC IND	3,359	3,506	3,202	3,243	-3.5%	826	760	715	738	-10.7%	7,049	7,182	6,589	6,366	-9.7%
(V10) (538GA) Athens-Ohio	(560) SUB USE DISORDER GROUP	303	184	107	75	-75.2%	31	21	9	7	-77.4%	0	0	0	0	-60.0%
(V10) (538GB) Portsmouth-Ohio	(502) MH CLINIC IND	2,527	2,790	2,938	2,998	18.6%	782	828	813	816	4.3%	5,400	5,678	4,397	3,866	-28.4%
(V10) (538GB) Portsmouth-Ohio	(560) SUB USE DISORDER GROUP	41	49	5	16	-61.0%	7	6	2	4	-42.9%	0	0	0	0	0.0%
(V10) (538GB) Portsmouth-Ohio	(510) PSYCHOLOGY	341	185	N/A	N/A	-100.0%	105	63	N/A	N/A	-100.0%	4	0	N/A	N/A	-100.7%
(V10) (538GC) Marietta	(502) MH CLINIC IND	1,289	1,482	2,373	2,431	88.6%	314	387	491	461	46.8%	1,938	1,618	3,268	4,267	120.1%
(V10) (538GC) Marietta	(560) SUB USE DISORDER GROUP	11	26	14	13	18.2%	1	4	2	1	0.0%	0	0	0	0	0.0%
(V10) (538GC) Marietta	(510) PSYCHOLOGY	154	67	N/A	N/A	-100.0%	38	23	N/A	N/A	-100.0%	1	0	N/A	N/A	-102.0%
(V10) (538GD) Lancaster	(502) MH CLINIC IND	2,708	3,110	3,686	3,951	45.9%	636	800	828	850	33.6%	4,652	6,009	6,517	6,937	49.1%
(V10) (538GD) Lancaster	(560) SUB USE DISORDER GROUP	205	175	88	126	-38.5%	22	17	14	28	27.3%	0	0	0	0	-85.0%
(V10) (538GD) Lancaster	(562) PTSD-INDIV	N/A	N/A	9	N/A	0.0%	N/A	N/A	1	N/A	0.0%	N/A	N/A	0	N/A	0.0%
(V10) (538GE) Cambridge-Ohio	(502) MH CLINIC IND	2,375	2,409	3,496	3,375	42.1%	686	662	675	658	-4.1%	6,657	6,382	6,519	5,610	-15.7%
(V10) (538GE) Cambridge-Ohio	(560) SUB USE DISORDER GROUP	55	58	34	49	-10.9%	3	3	2	8	166.7%	0	0	0	0	0.0%
(V10) (538GE) Cambridge-Ohio	(562) PTSD-INDIV	N/A	2	21	26	0.0%	N/A	1	2	6	0.0%	N/A	0	0	0	0.0%
(V10) (538GF) Wilmington-Ohio	(502) MH CLINIC IND	N/A	N/A	441	1,101	0.0%	N/A	N/A	126	183	0.0%	N/A	N/A	2,611	1,892	0.0%
(V10) (538GF) Wilmington-Ohio	(560) SUB USE DISORDER GROUP	N/A	N/A	6	49	0.0%	N/A	N/A	1	2	0.0%	N/A	N/A	0	0	0.0%

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

*Includes top 3 stop codes, where applicable (some sites reported less than 3)

Source: VSSC Encounters Cube – Public Grouping (Mental Health)

2.7.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Top Mental Health Stop Code* Trends FY15-FY18 — Columbus-Ohio

Facility	Stop Code	Encounters					Unique Patients					CPT Work RVU				
		FY15	FY16	FY17	FY18	4 Yr Ch.	FY15	FY16	FY17	FY18	4 Yr. Ch.	FY15	FY16	FY17	FY18	4 Yr. Ch.
(V10) (757) Columbus-Ohio	(502) MH CLINIC IND	23,809	28,203	14,075	14,064	-40.9%	5,748	6,590	4,963	4,164	-27.6%	40,086	50,420	23,255	26,229	-34.6%
(V10) (757) Columbus-Ohio	(560) SUB USE DISORDER GROUP	4,273	4,185	3,580	4,367	2.2%	411	395	368	404	-1.7%	5,793	6,683	6,003	6,606	14.0%
(V10) (757) Columbus-Ohio	(534) MH INTGRD CARE IND	2,731	2,797	3,652	4,177	52.9%	1,519	1,623	1,893	2,173	43.1%	5,689	5,133	7,558	8,510	49.6%
(V10) (757GA) Zanesville	(502) MH CLINIC IND	2,642	1,941	2,587	2,384	-9.8%	670	526	524	502	-25.1%	5,246	4,247	4,279	1,976	-62.3%
(V10) (757GA) Zanesville	(534) MH INTGRD CARE IND	N/A	2	37	111	0.0%	N/A	2	29	78	0.0%	N/A	0	0	6	0.0%
(V10) (757GA) Zanesville	(550) MH CLINIC GROUP	102	22	65	96	-5.9%	19	12	15	23	21.1%	25	0	28	198	699.7%
(V10) (757GB) Grove City	(502) MH CLINIC IND	2,124	2,212	1,570	2,649	24.7%	599	633	524	719	20.0%	4,017	4,132	3,248	4,950	23.2%
(V10) (757GB) Grove City	(550) MH CLINIC GROUP	24	110	109	102	325.0%	6	9	8	9	50.0%	14	69	70	70	390.1%
(V10) (757GB) Grove City	(562) PTSD-INDIV	85	N/A	3	66	-22.4%	53	N/A	3	25	-52.8%	222	N/A	9	170	-23.6%
(V10) (757GC) Marion-Ohio	(502) MH CLINIC IND	2,376	2,315	2,146	1,998	-15.9%	597	624	519	493	-17.4%	3,628	2,276	1,723	1,545	-57.4%
(V10) (757GC) Marion-Ohio	(550) MH CLINIC GROUP	142	168	206	415	192.3%	30	57	46	69	130.0%	42	30	8	23	-45.3%
(V10) (757GC) Marion-Ohio	(562) PTSD-INDIV	336	384	308	199	-40.8%	115	68	46	35	-69.6%	778	970	744	498	-36.0%
(V10) (757GD) Newark-Ohio	(502) MH CLINIC IND	2,765	2,654	1,280	2,253	-18.5%	707	664	542	662	-6.4%	5,475	4,581	1,891	5,100	-6.8%
(V10) (757GD) Newark-Ohio	(534) MH INTGRD CARE IND	1	9	65	63	6200.0%	1	8	45	51	5000.0%	0	0	0	0	0.0%
(V10) (757GB) Newark-Ohio	(560) SUB USE DISORDER GROUP	153	153	65	17	-88.9%	11	18	10	3	-72.7%	1	0	0	0	-98.3%
(V10) (757QC) Columbus-Airport Drive	(502) MH CLINIC IND	N/A	1,525	16,751	16,131	0.0%	N/A	986	3,985	3,735	0.0%	N/A	3,253	37,012	33,500	0.0%
(V10) (757QC) Columbus-Airport Drive	(550) MH CLINIC GROUP	N/A	103	1,437	1,517	0.0%	N/A	69	576	535	0.0%	N/A	68	945	1,079	0.0%
(V10) (757QC) Columbus-Airport Drive	(562) PTSD-INDIV	N/A	N/A	N/A	247	0.0%	N/A	N/A	N/A	60	0.0%	N/A	N/A	N/A	623	0.0%

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

*Includes top 3 stop codes, where applicable (some sites reported less than 3)

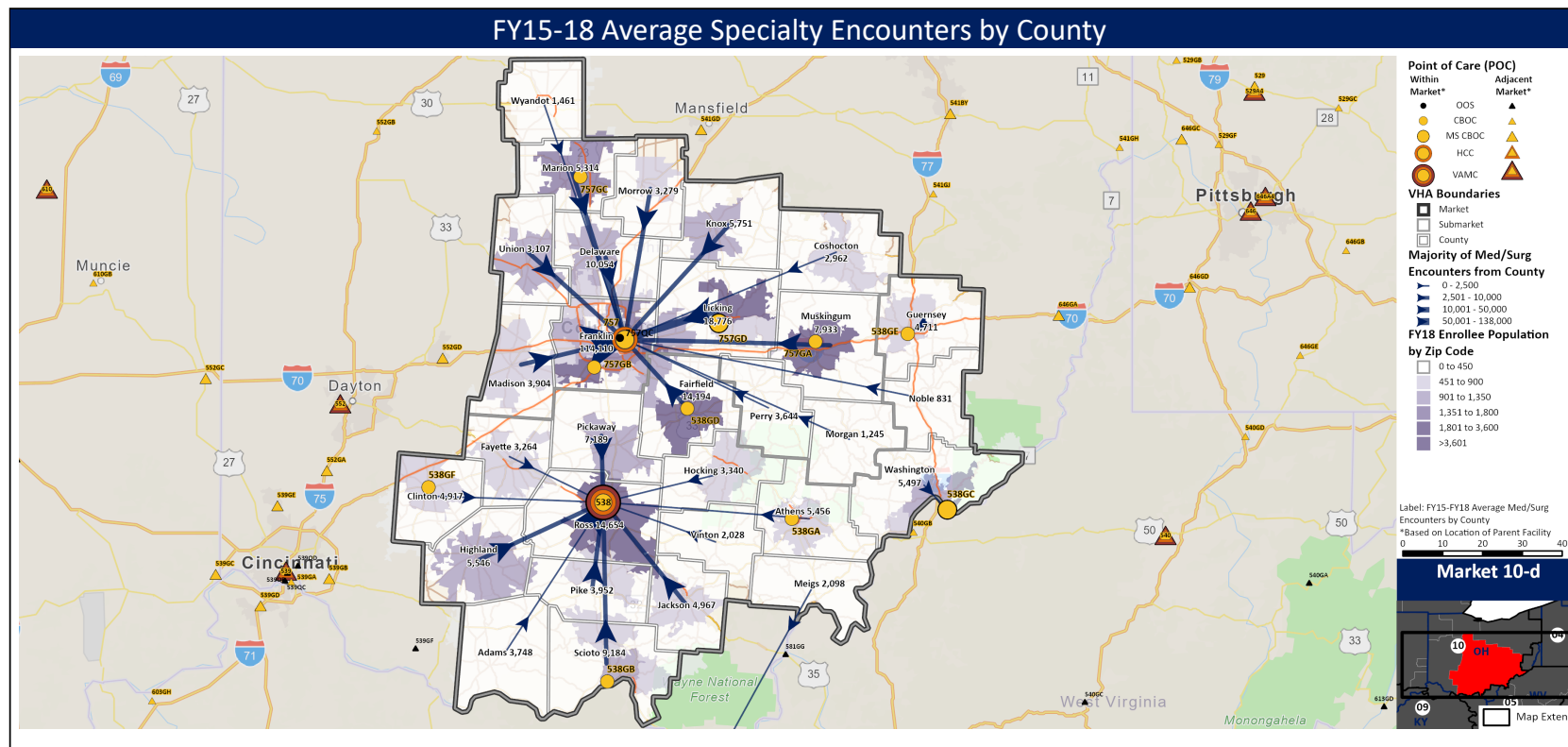
Source: VSSC Encounters Cube – Public Grouping (Mental Health)

2.7.V10.CentralOhio.757



VISN 10: Central Ohio Market

Demand ► Specialty Encounters – FY15-18



Source: 1. VSSC Encounters Cube 2. Geocoded Enrollee File FY18Q4

2.8.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Demand ► Specialty Encounters — FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Adams,OH	3,749	3,929	(V10) (538) Chillicothe-Ohio	40.0%
Athens,OH	5,456	5,556	(V10) (538) Chillicothe-Ohio	42.9%
Clinton,OH	4,917	5,095	(V10) (538) Chillicothe-Ohio	37.2%
Coshocton,OH	2,962	3,173	(V10) (757) Columbus-Ohio	59.4%
Fairfield,OH	14,195	15,278	(V10) (757) Columbus-Ohio	49.1%
Fayette,OH	3,264	3,410	(V10) (538) Chillicothe-Ohio	75.1%
Franklin,OH	114,110	119,563	(V10) (757) Columbus-Ohio	94.3%
Delaware,OH	10,054	11,454	(V10) (757) Columbus-Ohio	93.7%
Guernsey,OH	4,711	4,727	(V10) (538GE) Cambridge-Ohio	39.3%
Highland,OH	5,546	5,538	(V10) (538) Chillicothe-Ohio	66.4%
Hocking,OH	3,341	3,588	(V10) (538) Chillicothe-Ohio	54.7%
Licking,OH	18,776	19,255	(V10) (757) Columbus-Ohio	75.8%
Jackson,OH	4,967	5,343	(V10) (538) Chillicothe-Ohio	76.7%
Knox,OH	5,751	6,047	(V10) (757) Columbus-Ohio	72.4%
Madison,OH	3,904	4,026	(V10) (757) Columbus-Ohio	76.7%
Meigs,OH	2,098	2,048	(V05) (581) Huntington-West Virginia	31.0%
Morgan,OH	1,245	1,311	(V10) (757) Columbus-Ohio	48.2%
Morrow,OH	3,279	3,657	(V10) (757) Columbus-Ohio	79.4%



VISN 10: Central Ohio Market

Demand ► Specialty Encounters — FY15-18, cont.

County	FY15-18 Avg Encounters	FY18 Encounters	Most Commonly Used Facility	% of Encounters
Muskingum,OH	7,933	8,488	(V10) (757) Columbus-Ohio	69.0%
Noble,OH	831	988	(V10) (757) Columbus-Ohio	32.0%
Perry,OH	3,645	3,979	(V10) (757) Columbus-Ohio	60.3%
Pickaway,OH	7,189	7,862	(V10) (538) Chillicothe-Ohio	58.6%
Pike,OH	3,952	4,194	(V10) (538) Chillicothe-Ohio	86.6%
Marion,OH	5,314	5,569	(V10) (757) Columbus-Ohio	76.7%
Ross,OH	14,654	15,468	(V10) (538) Chillicothe-Ohio	87.1%
Scioto,OH	9,184	8,991	(V10) (538) Chillicothe-Ohio	41.5%
Union,OH	3,107	3,583	(V10) (757) Columbus-Ohio	88.4%
Washington,OH	5,497	5,734	(V10) (538GC) Marietta	35.6%
Vinton,OH	2,028	2,263	(V10) (538) Chillicothe-Ohio	76.4%
Wyandot,OH	1,461	1,462	(V10) (757) Columbus-Ohio	63.7%
Total	277,118	291,579		



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
(V10) (538) Chillicothe-Ohio	46,204	47,803	49,196	52,135	12.8%	62,926	60,007	57,866	67,319	7.0%
Audiology & Speech Pathology	7,182	7,428	6,947	7,591	5.7%	4,549	4,405	3,912	3,860	-15.1%
Cardiology	1,992	1,271	3,287	4,109	106.3%	2,531	2,065	4,446	6,712	165.2%
Critical Care / Pulmonary Disease	1,080	1,551	1,719	3,029	180.5%	1,509	2,091	1,413	3,447	128.5%
Dermatology	3,426	1,545	1,202	918	-73.2%	7,687	165	12	20	-99.7%
Endocrinology	731	915	772	653	-10.7%	1,130	1,296	1,069	879	-22.1%
Gastroenterology	2,546	2,902	2,647	2,322	-8.8%	3,653	4,720	5,098	4,222	15.6%
Hematology-Oncology	505	N/A	N/A	N/A	-100.0%	840	N/A	N/A	N/A	-100.0%
Infectious Disease	4	7	6	24	500.0%	1	2	1	5	661.4%
Internal Medicine	2,207	2,321	1,905	1,272	-42.4%	317	1,662	859	758	139.3%
Nephrology	633	N/A	N/A	N/A	-100.0%	895	N/A	N/A	N/A	-100.0%
Neurology	1,386	1,631	1,650	1,627	17.4%	2,762	2,938	2,603	2,323	-15.9%
Nutrition	954	1,047	979	1,485	55.7%	1,239	1,259	1,168	1,603	29.3%
Obstetrics & Gynecology	134	4	N/A	2	-98.5%	237	6	N/A	4	-98.4%
Ophthalmology	811	738	173	6	-99.3%	1,685	1,640	369	3	-99.8%
Optometry	5,988	6,993	6,866	7,298	21.9%	13,067	14,680	14,611	15,560	19.1%
Orthopaedic Surgery	3,202	3,084	2,795	2,541	-20.6%	5,793	5,050	3,504	3,077	-46.9%
Pain Medicine	1,118	935	2,183	4,043	261.6%	1,598	997	2,037	6,171	286.2%
Physical Medicine & Rehabilitation	7,147	9,064	9,151	9,349	30.8%	8,089	10,656	10,005	12,433	53.7%
Podiatry	3,807	3,835	4,548	4,369	14.8%	3,855	3,691	4,195	4,600	19.4%
Polytrauma	73	53	56	52	-28.8%	201	128	147	142	-29.6%

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18, cont.

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
SCI	533	473	473	442	-17.1%	271	234	254	272	0.3%
Surgery	259	237	367	314	21.2%	569	479	710	571	0.2%
Thoracic Surgery	65	79	46	17	-73.8%	0	0	0	0	N/A
Urology	421	1,690	1,424	672	59.6%	450	1,842	1,453	655	45.7%
(V10) (538GA) Athens-Ohio	2,965	2,830	2,766	2,455	-17.2%	4,665	4,453	3,593	3,604	-22.7%
Audiology & Speech Pathology	N/A	N/A	39	3	N/A	N/A	N/A	0	0	N/A
Cardiology	31	35	21	57	83.9%	2	6	3	9	272.5%
Dermatology	178	206	153	192	7.9%	0	1	0	1	81.8%
Neurology	N/A	N/A	12	18	N/A	N/A	N/A	0	0	N/A
Nutrition	118	109	151	136	15.3%	225	215	281	241	7.1%
Optometry	1,511	1,453	1,364	1,321	-12.6%	2,886	2,683	2,550	2,632	-8.8%
Physical Medicine & Rehabilitation	131	20	10	4	-96.9%	43	7	0	0	-100.0%
Podiatry	996	1,007	1,016	724	-27.3%	1,508	1,540	759	720	-52.2%
(V10) (538GB) Portsmouth-Ohio	2,823	3,327	3,124	2,938	4.1%	3,769	4,136	3,458	4,043	7.3%
Audiology & Speech Pathology	5	9	N/A	17	240.0%	0	0	N/A	0	N/A
Cardiology	40	29	18	37	-7.5%	4	4	3	3	-18.0%
Dermatology	281	416	312	225	-19.9%	0	0	0	0	N/A
Endocrinology	40	33	15	3	-92.5%	0	0	0	0	N/A
Nutrition	100	104	105	125	25.0%	122	102	176	223	83.0%
Optometry	1,010	1,472	1,408	1,612	59.6%	1,902	2,403	2,342	2,895	52.3%
Physical Medicine & Rehabilitation	137	123	24	5	-96.4%	54	42	0	0	-100.0%

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio#2



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18, cont.

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
Podiatry	1,210	1,141	1,242	914	-24.5%	1,687	1,583	938	921	-45.4%
(V10) (538GC) Marietta	1,873	2,309	2,982	3,095	65.2%	2,824	3,284	4,448	4,742	67.9%
Cardiology	8	17	5	14	75.0%	2	2	1	2	3.8%
Dermatology	47	116	106	83	76.6%	14	39	9	0	-100.0%
Endocrinology	N/A	58	15	18	N/A	N/A	0	0	0	N/A
Neurology	N/A	41	447	669	N/A	N/A	90	905	1,313	N/A
Nutrition	26	43	137	121	365.4%	2	0	5	2	0.0%
Optometry	968	1,170	1,279	1,230	27.1%	1,912	2,243	2,533	2,445	27.9%
Podiatry	824	864	993	960	16.5%	894	909	995	980	9.6%
(V10) (538GD) Lancaster	3,729	3,945	3,987	4,069	9.1%	5,650	5,669	5,754	5,912	4.6%
Cardiology	21	16	34	29	38.1%	2	3	6	5	142.3%
Dermatology	173	294	316	246	42.2%	1	0	0	0	-100.0%
Endocrinology	51	19	68	46	-9.8%	0	0	0	0	N/A
Nutrition	166	187	204	187	12.7%	266	271	291	230	-13.4%
Optometry	1,750	1,937	1,879	1,967	12.4%	3,217	3,329	3,433	3,662	13.8%
Physical Medicine & Rehabilitation	106	61	5	2	-98.1%	51	40	0	0	-100.0%
Podiatry	1,462	1,431	1,481	1,592	8.9%	2,112	2,027	2,024	2,014	-4.6%
(V10) (538GE) Cambridge-Ohio	2,000	2,355	2,282	2,396	19.8%	2,601	2,816	3,060	3,246	24.8%
Cardiology	16	14	10	32	100.0%	3	2	1	2	-45.5%
Dermatology	122	157	115	108	-11.5%	0	0	0	0	N/A
Nutrition	36	43	33	34	-5.6%	0	0	0	0	N/A

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio#3



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18, cont.

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
Optometry	807	1,114	1,076	1,133	40.4%	1,551	1,779	2,032	2,215	42.8%
Pain Medicine	N/A	8	17	17	N/A	N/A	0	0	0	N/A
Podiatry	1,019	1,019	1,031	1,072	5.2%	1,046	1,034	1,027	1,029	-1.7%
(V10) (538GF) Wilmington-Ohio	N/A	N/A	65	142	N/A	N/A	N/A	0	0	N/A
Dermatology	N/A	N/A	37	60	N/A	N/A	N/A	0	0	N/A
Nutrition	N/A	N/A	28	82	N/A	N/A	N/A	0	0	N/A
(V10) (757) Columbus-Ohio	162,458	166,971	180,665	182,869	12.6%	206,501	216,080	237,002	247,512	19.9%
Allergy and Immunology	410	551	988	977	138.3%	655	677	1,254	1,302	98.9%
Audiology & Speech Pathology	8,874	8,692	11,928	12,833	44.6%	5,685	5,669	7,623	7,277	28.0%
Cardiology	7,201	6,969	7,896	8,932	24.0%	10,017	8,847	11,138	11,721	17.0%
Critical Care / Pulmonary Disease	2,370	2,880	3,059	3,021	27.5%	3,615	4,315	3,955	3,792	4.9%
Dermatology	13,166	15,122	15,845	14,823	12.6%	22,688	29,641	33,625	33,233	46.5%
Endocrinology	4,198	4,265	4,720	4,327	3.1%	6,016	6,677	7,640	6,779	12.7%
Gastroenterology	4,131	5,878	5,816	5,360	29.8%	6,182	9,639	9,187	8,655	40.0%
Geriatric Medicine	572	527	508	231	-59.6%	1,024	757	634	220	-78.5%
Hematology-Oncology	8,128	8,090	5,923	6,269	-22.9%	7,244	7,853	5,348	5,793	-20.0%
Infectious Disease	1	28	52	83	8200.0%	0	0	1	0	N/A
Internal Medicine	5,231	6,301	6,897	4,758	-9.0%	1,716	2,744	2,798	2,724	58.8%
Nephrology	2,558	2,206	3,076	2,980	16.5%	2,118	2,679	4,229	4,151	96.0%
Neurological Surgery	103	137	31	2	-98.1%	0	0	0	0	N/A
Neurology	5,085	4,727	5,213	7,255	42.7%	7,043	6,668	8,307	10,569	50.1%

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio#4



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18, cont.

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
Nutrition	2,813	3,218	3,063	2,853	1.4%	3,176	3,586	3,272	3,003	-5.4%
Obstetrics & Gynecology	404	444	512	616	52.5%	981	1,026	1,118	986	0.5%
Ophthalmology	13,989	16,144	16,075	15,848	13.3%	23,453	25,126	24,071	24,259	3.4%
Optometry	18,640	18,730	22,103	23,675	27.0%	33,615	33,840	39,386	43,258	28.7%
Orthopaedic Surgery	5,296	3,709	4,431	5,280	-0.3%	7,531	4,556	5,546	6,476	-14.0%
Otolaryngology	1,706	1,326	2,027	2,331	36.6%	2,938	1,978	2,726	3,963	34.9%
Pain Medicine	5,146	3,788	6,396	5,854	13.8%	7,162	6,653	9,626	9,610	34.2%
Physical Medicine & Rehabilitation	23,187	22,330	22,624	22,382	-3.5%	21,350	20,962	20,820	22,649	6.1%
Plastic Surgery	577	593	724	1,443	150.1%	698	616	781	1,353	94.0%
Podiatry	16,419	15,996	16,808	15,630	-4.8%	18,535	16,737	19,226	18,482	-0.3%
Polytrauma	N/A	N/A	N/A	23	N/A	N/A	N/A	N/A	66	N/A
Rheumatology	921	1,041	1,424	3,212	248.8%	1,373	1,387	2,043	4,776	247.9%
SCI	715	676	651	631	-11.7%	995	879	795	743	-25.3%
Surgery	3,333	3,477	3,039	2,943	-11.7%	3,639	4,088	3,581	3,517	-3.4%
Urology	6,567	8,379	8,238	7,691	17.1%	6,163	7,604	7,555	7,373	19.6%
Vascular Surgery	717	747	598	606	-15.5%	888	877	719	783	-11.9%
(V10) (757GA) Zanesville	1,723	2,001	2,200	2,149	24.7%	2,864	2,998	3,424	3,565	24.5%
Dermatology	105	172	137	96	-8.6%	0	1	0	1	N/A
Endocrinology	26	28	24	11	-57.7%	1	0	1	0	-100.0%
Gastroenterology	N/A	N/A	N/A	235	N/A	N/A	N/A	N/A	425	N/A
Nutrition	3	13	59	79	2533.3%	3	11	0	0	-100.0%

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio#5



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18, cont.

Specialty Title	Encounters*				4 Yr. Ch.	CPT Work RVU				4 Yr. Ch.
	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
Optometry	1,589	1,788	1,980	1,728	8.7%	2,860	2,986	3,423	3,139	9.8%
(V10) (757GB) Grove City	2,690	3,047	2,925	3,172	17.9%	1,385	1,578	1,441	879	-36.5%
Audiology & Speech Pathology	2,450	2,796	2,705	3,005	22.7%	1,385	1,577	1,441	879	-36.5%
Dermatology	240	250	191	128	-46.7%	0	1	0	0	N/A
Nutrition	N/A	1	29	39	N/A	N/A	0	0	0	N/A
(V10) (757GC) Marion-Ohio	1,515	1,895	2,245	2,337	54.3%	2,538	3,201	3,799	4,097	61.4%
Dermatology	200	193	155	110	-45.0%	0	2	0	1	N/A
Gastroenterology	N/A	N/A	N/A	148	N/A	N/A	N/A	N/A	279	N/A
Nutrition	1	N/A	14	43	4200.0%	0	N/A	0	0	N/A
Optometry	1,314	1,702	2,076	2,036	54.9%	2,538	3,198	3,799	3,817	50.4%
(V10) (757GD) Newark-Ohio	5,025	5,341	5,829	6,239	24.2%	5,593	5,746	6,435	6,745	20.6%
Audiology & Speech Pathology	2,634	2,928	2,934	2,831	7.5%	1,866	1,957	1,885	1,240	-33.5%
Cardiology	5	1	71	298	5860.0%	0	0	167	473	N/A
Dermatology	257	222	269	224	-12.8%	0	4	2	0	N/A
Gastroenterology	2	N/A	96	385	19150.0%	5	N/A	219	725	15198.3%
Nutrition	6	64	126	127	2016.7%	0	0	0	0	N/A
Optometry	2,121	2,126	2,333	2,374	11.9%	3,723	3,785	4,163	4,306	15.7%

*Specialties were only included if there were greater than 15 encounters in any of the past four years.

Note: Data limited to workload from patients originating from within the counties of Phase Two VISNs in the Market Assessments

Source: VSSC Encounters Cube – Public Grouping (Specialty Care)

2.10.V10.CentralOhio#6



VISN 10: Central Ohio Market

Demand ► Specialty Care Stop Code Trends FY15-18 – Dental

Dental*	Visits				4 Yr. Ch.	RVU Equivalent				4 Yr. Ch.
Facility	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	
(V10) (538) Chillicothe	6,177	5,834	5,884	5,838	-5.5%	401,947	385,933	414,169	415,242	3.3%
(V10) (757) Columbus	11,090	10,224	10,663	11,212	1.1%	775,649	707,217	800,450	834,135	7.5%

*Dental Data is derived from the Office of Dentistry's dataset and represents Visits, RVU Equivalents, and Unique Patients.



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **Telehealth — FY18 Telehealth Utilization**

Telehealth Utilization	Chillicothe-Ohio	National
Telehealth Use (Tele1)	25.1%	13.1%
Home Telehealth (Tele2)	7.1%	2.3%
Clinical Video Telehealth (Tele3)	10.1%	6.6%
Store and Forward Telehealth (Tele4)	12.4%	5.3%
eConsult (SC10)	7.6%	8.3%
Video Telehealth to Off Site Patients (Tele9)	1.0%	0.5%

Note: Telehealth utilization is based on percentage of unique patients leveraging telehealth-related tools/technology.

Source: VSSC Telehealth Dashboard - Connected Care

2.15.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► **Telehealth — FY18 Telehealth Utilization**

Telehealth Utilization	Columbus-Ohio	National
Telehealth Use (Tele1)	15.1%	13.1%
Home Telehealth (Tele2)	3.7%	2.3%
Clinical Video Telehealth (Tele3)	3.8%	6.6%
Store and Forward Telehealth (Tele4)	9.0%	5.3%
eConsult (SC10)	7.2%	8.3%
Video Telehealth to Off Site Patients (Tele9)	0.1%	0.5%

Note: Telehealth utilization is based on percentage of unique patients leveraging telehealth-related tools/technology.

Source: VSSC Telehealth Dashboard - Connected Care

2.15.V10.CentralOhio.757



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Telehealth Encounters by Patient and Provider Site* — Chillicothe-Ohio

Patient Site	FY15	FY16	FY17	FY18	4 Yr Avg
(V10) (538) Chillicothe-Ohio	1,910	3,066	2,299	3,002	2,569
(V10) (538GA) Athens-Ohio	1,085	1,094	886	936	1,000
(V10) (538GB) Portsmouth-Ohio	1,049	1,184	914	1,054	1,050
(V10) (538GC) Marietta	1,328	1,539	1,718	1,765	1,587
(V10) (538GD) Lancaster	1,808	1,935	1,894	2,008	1,911
(V10) (538GE) Cambridge-Ohio	1,000	1,071	1,984	2,424	1,619
(V10) (538GF) Wilmington-Ohio			223	716	469
Total	8,180	9,889	9,918	11,905	9,973

Chillicothe-Ohio VAMC & Treating Facility Encounters by Provider Site

Provider Site	FY15-18 Total Encounters	% of Total Encounters
(V10) (538) Chillicothe-Ohio	11,664	29.2%
(V10) (553) Detroit-Michigan	8,039	20.2%
(V10) (538GE) Cambridge-Ohio	4,633	11.6%
(V10) (541) Cleveland-Ohio	4,553	11.4%
(V10) (538GB) Portsmouth-Ohio	3,979	10.0%
(V10) (538GD) Lancaster	2,606	6.5%
(V10) (538GA) Athens-Ohio	1,212	3.0%
(V10) (538GC) Marietta	1,118	2.8%
(V10) (541GB) Lorain	1,014	2.5%
(V10) (539) Cincinnati-Ohio	554	1.4%
(V10) (539A4) Cincinnati-Fort Thomas	184	0.5%
(V05) (581) Huntington-West Virginia	85	0.2%
(V01) (523A5) Brockton	60	0.2%
(V10) (541GC) Sandusky	59	0.1%
(V10) (757) Columbus-Ohio	55	0.1%
(V10) (552) Dayton	18	0.0%
(V01) (689) West Haven	16	0.0%
(V01) (689A4) Newington	14	0.0%
(V01) (689GC) Willimantic	14	0.0%
(V10) (538GF) Wilmington-Ohio	9	0.0%
(V10) (541BY) Canton	4	0.0%
(V01) (518) Bedford	1	0.0%
(V12) (550) Danville-Illinois	1	0.0%

Note: Patient site indicates the clinic location by primary stop code where the patient receives the service

*Includes 4 Types: CVT General (690/692,693,699), CVT NationalCenter (644/645), CVT ProviderToHomePatient (179), and SF General (694/695,696)

Source: FY15-18 Detailed Telehealth Workload by Patient Site, Provider Site, Stop Codes, and Telehealth Type Report



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Telehealth Encounters by Specialty* — Chillicothe-Ohio

	Specialties	FY15	FY16	FY17	FY18	4 Yr Avg
Chillicothe-Ohio	Physical Medicine & Rehabilitation	52	98	107	84	85
	Pain Medicine	1	18	30	37	22
	Ophthalmology	1,652	1,317	952	1,175	1,274
	Nutrition	1,804	2,698	2,711	3,247	2,615
	Mental Health	2,621	2,521	3,409	5,102	3,413
	Endocrinology	107	161	128	112	127
	Dermatology	1,549	2,673	2,198	1,757	2,044
	Clinical Pharmacology	53	109	25	21	52
	All Other Specialties	341	294	358	357	338
	Total	8,180	9,889	9,918	11,892	9,970

*Includes 4 Types: CVT General (690/692,693,699), CVT NationalCenter (644/645), CVT ProviderToHomePatient (179), and SF General (694/695,696)

Source: FY15-18 Detailed Telehealth Workload by Patient Site, Provider Site, Stop Codes, and Telehealth Type Report



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Telehealth Encounters by Patient and Provider Site* — Columbus-Ohio

Patient Site	FY15	FY16	FY17	FY18	4 Yr Avg
(V10) (757) Columbus-Ohio	3,814	4,262	3,895	3,628	3,899
(V10) (757GA) Zanesville	1,072	1,281	1,275	1,563	1,297
(V10) (757GB) Grove City	801	965	953	867	896
(V10) (757GC) Marion-Ohio	1,183	1,765	1,807	1,580	1,583
(V10) (757GD) Newark-Ohio	992	868	1,241	805	976
(V10) (757QC) Columbus-Airport Drive			1	13	7
Total	7,862	9,141	9,172	8,456	8,657

Columbus-Ohio HCC & Treating Facility Encounters by Provider Site

Provider Site	FY15-18 Total Encounters	% of Total Encounters
(V10) (757) Columbus-Ohio	23,717	68.5%
(V10) (541) Cleveland-Ohio	4,269	12.3%
(V10) (757QC) Columbus-Airport Drive	2,083	6.0%
(V10) (541GB) Lorain	1,134	3.3%
(V10) (552) Dayton	840	2.4%
(V10) (757GA) Zanesville	673	1.9%
(V10) (757GD) Newark-Ohio	542	1.6%
(V10) (757GC) Marion-Ohio	387	1.1%
(V10) (757GB) Grove City	260	0.8%
(V04) (646) Pittsburgh	185	0.5%
(V10) (553) Detroit-Michigan	168	0.5%
(V10) (539) Cincinnati-Ohio	133	0.4%
(V10) (541GC) Sandusky	84	0.2%
(V05) (581) Huntington-West Virginia	62	0.2%
(V10) (538GD) Lancaster	57	0.2%
(V10) (539A4) Cincinnati-Fort Thomas	27	0.1%
(V10) (541BY) Canton	10	0.0%

Note: Patient site indicates the clinic location by primary stop code where the patient receives the service

*Includes 4 Types: CVT General (690/692,693,699), CVT NationalCenter (644/645), CVT ProviderToHomePatient (179), and SF General (694/695,696)

Source: FY15-18 Detailed Telehealth Workload by Patient Site, Provider Site, Stop Codes, and Telehealth Type Report



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Telehealth Encounters by Specialty* — Columbus-Ohio

	Specialties	FY15	FY16	FY17	FY18	4 Yr Avg
Columbus-Ohio	Physical Medicine & Rehabilitation	N/A	1	N/A	N/A	0
	Pain Medicine	N/A	15	8	1	6
	Ophthalmology	1,416	1,150	1,826	1,025	1,354
	Nutrition	1,189	1,464	1,229	955	1,209
	Mental Health	1,232	1,829	2,244	2,777	2,021
	Endocrinology	44	45	47	30	42
	Dermatology	3,050	3,121	2,471	2,270	2,728
	Critical Care / Pulmonary Disease	109	773	765	941	647
	Clinical Pharmacology	198	246	206	98	187
	All Other Specialties	624	497	366	347	459
	Total	7,862	9,141	9,162	8,444	8,652

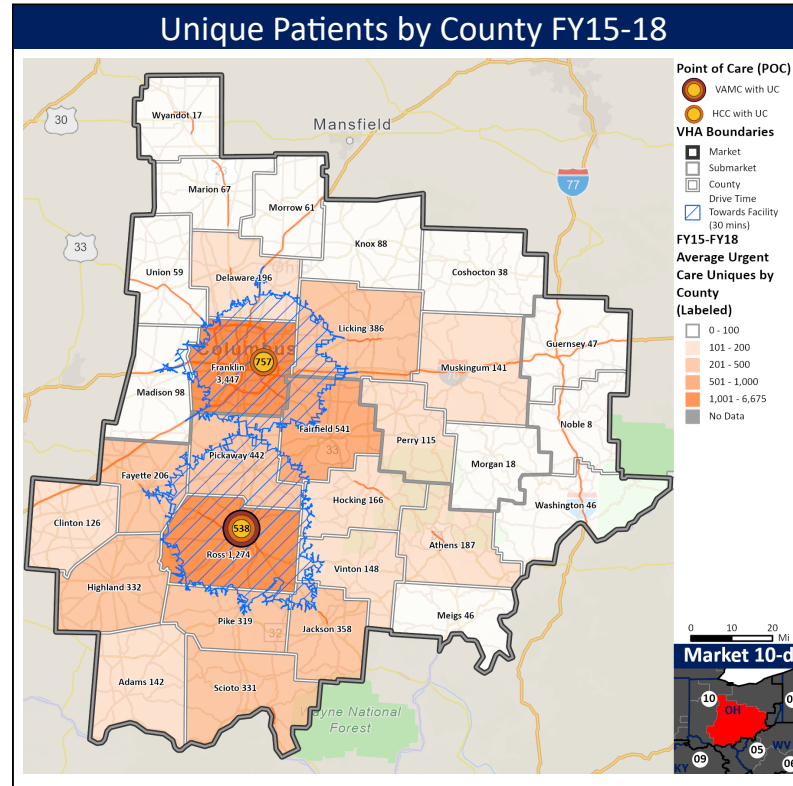
*Includes 4 Types: CVT General (690/692,693,699), CVT NationalCenter (644/645), CVT ProviderToHomePatient (179), and SF General (694/695,696)

Source: FY15-18 Detailed Telehealth Workload by Patient Site, Provider Site, Stop Codes, and Telehealth Type Report



VISN 10: Central Ohio Market

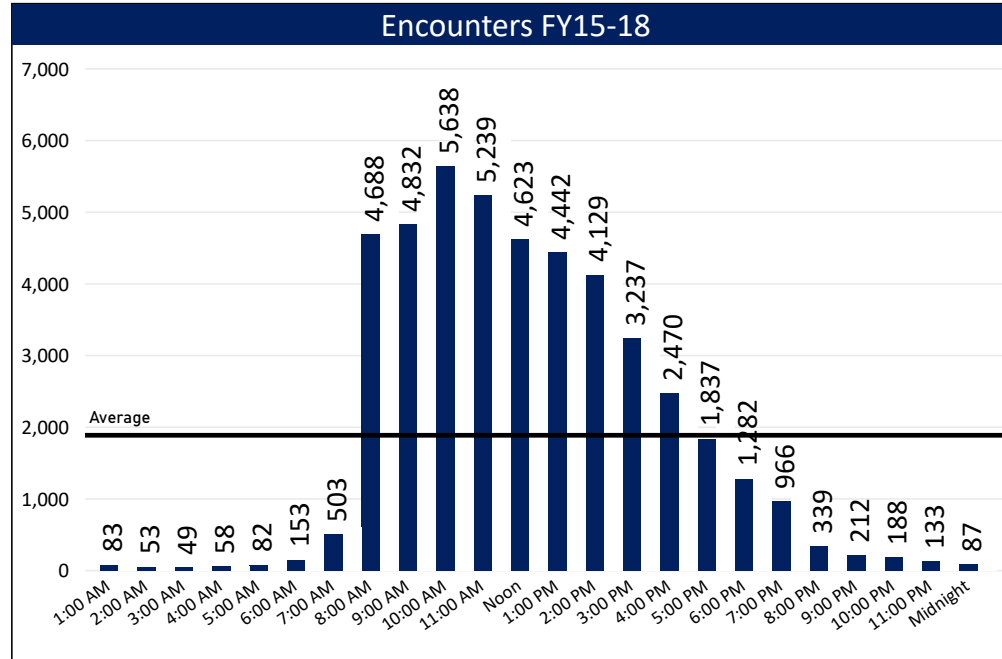
Demand ► Urgent Care Uniques (FY15-18)





VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Urgent Care Encounters (FY15-18) – Chillicothe-Ohio VAMC



97.4% of encounters seen between FY15-18 occurred between 8 A.M. and 10 P.M

85.0% of encounters seen between FY15-18 occurred on weekdays vs. weekends

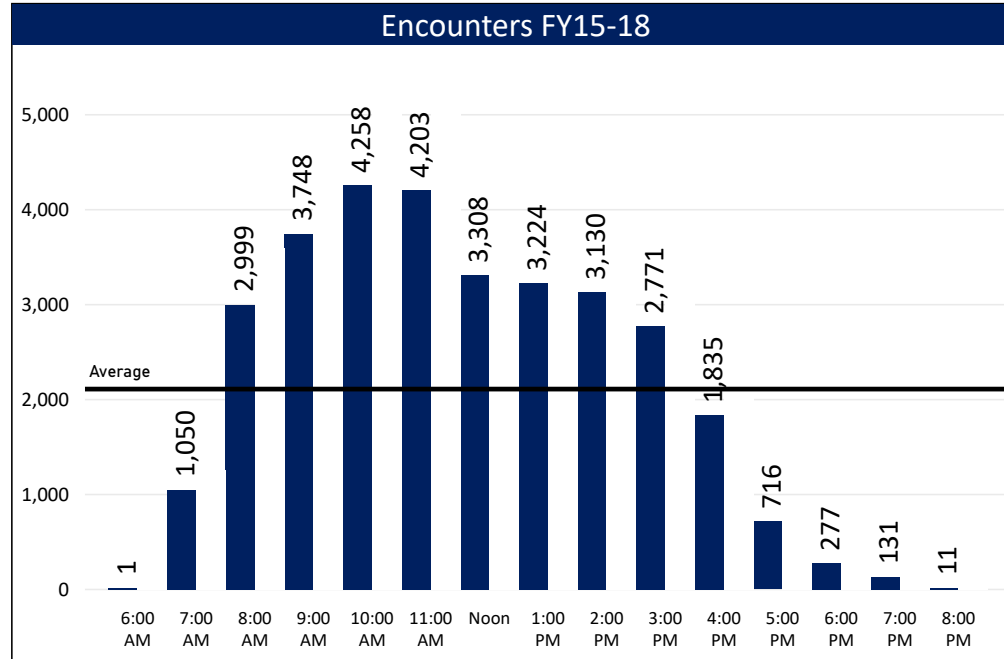
Encounters				
CPT Code	FY15	FY16	FY17	FY18
99201	144	92	39	185
99202	473	322	73	32
99203	888	325	183	78
99204	377	64	24	25
99205	37	12	4	2
99211	289	34	27	159
99212	726	1,106	756	1,147
99213	5,622	6,058	5,524	4,832
99214	2,244	3,074	4,300	3,676
99215	396	205	150	295
Total	11,196	11,292	11,080	10,431

CPT codes filtered by Stop Code 131 Urgent Care Clinic



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Urgent Care Encounters (FY15-18) – Columbus-Ohio HCC



96.7% of encounters seen between FY15-18 occurred between 8 A.M. and 10 P.M

91.3% of encounters seen between FY15-18 occurred on weekdays vs. weekends

Encounters				
CPT Code	FY15	FY16	FY17	FY18
99201	265	48	108	1,297
99202	319	141	468	2,024
99203	1,720	111	398	3,266
99204	908	1	115	1,133
99205	8	4	9	348
99211	2,962	2,423	2,673	5,104
99212	231	373	928	902
99213	419	821	2,021	905
99214	152	2,679	3,254	1,347
99215	2	365	220	20
Total	6,986	6,966	10,194	16,346

CPT codes filtered by Stop Code 131 Urgent Care Clinic



VISN 10: Central Ohio Market

Demand ► Non-VA Community Care (NVCC) FY16-18 – Outpatient CPT Authorizations

Sector/County Name			Primary Care			Mental Health			Medicine			Surgery			Rehab Medicine		
Sector	County Name	2017 Enrollees	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
10-d-1-B	Athens, OH	1,912	2	2	3	1	1	3	248	286	517	160	155	293	68	63	143
10-d-1-B	Fairfield, OH	4,681	1	3	1	1	N/A	2	325	461	868	198	286	528	89	72	188
10-d-1-B	Guernsey, OH	1,656	N/A	N/A	N/A	1	N/A	N/A	219	222	577	161	142	324	61	64	132
10-d-1-B	Hocking, OH	1,032	N/A	N/A	N/A	N/A	N/A	N/A	137	154	284	85	88	154	21	24	61
10-d-1-B	Jackson, OH	1,271	N/A	N/A	N/A	N/A	N/A	N/A	250	287	518	121	127	232	20	10	43
10-d-1-B	Meigs, OH	815	1	N/A	N/A	1	2	1	119	125	242	70	57	136	28	19	52
10-d-1-B	Noble, OH	328	N/A	N/A	N/A	N/A	N/A	N/A	33	38	102	29	25	63	11	14	45
10-d-1-B	Pickaway, OH	1,846	N/A	N/A	N/A	5	4	3	225	250	423	121	125	261	10	12	22
10-d-1-B	Vinton, OH	485	N/A	N/A	N/A	N/A	1	N/A	105	123	191	65	58	125	25	11	28
10-d-1-B	Washington, OH	2,456	1	N/A	N/A	1	4	1	168	221	400	125	156	321	74	71	159
	Sector Subtotal	16,482	5	5	4	10	12	10	1,829	2,167	4,122	1,135	1,219	2,437	407	360	873
10-d-1-D	Adams, OH	1,094	2	N/A	N/A	N/A	N/A	N/A	97	108	188	72	48	98	12	6	27
10-d-1-D	Clinton, OH	1,442	N/A	N/A	N/A	5	5	4	167	153	255	84	99	149	27	32	70
10-d-1-D	Fayette, OH	834	N/A	N/A	1	4	1	N/A	121	153	222	54	55	126	14	4	27
10-d-1-D	Highland, OH	1,485	N/A	N/A	N/A	N/A	N/A	N/A	183	235	418	114	112	213	29	24	62
10-d-1-D	Pike, OH	1,023	N/A	N/A	N/A	1	N/A	N/A	193	219	367	105	102	186	6	6	21
10-d-1-D	Ross, OH	3,497	N/A	N/A	N/A	4	6	5	518	604	1,028	308	312	578	15	10	15
10-d-1-D	Scioto, OH	2,762	N/A	1	1	1	4	5	459	338	760	234	178	404	95	62	203
	Sector Subtotal	12,137	2	1	2	15	16	14	1,738	1,810	3,238	971	906	1,754	198	144	425
10-d-2-A	Franklin, OH	28,596	10	1	4	27	70	76	652	1,026	2,015	615	949	1,860	104	141	315
	Sector Subtotal	28,596	10	1	4	27	70	76	652	1,026	2,015	615	949	1,860	104	141	315
10-d-2-C	Coshocton, OH	1,232	N/A	N/A	N/A	3	3	4	50	65	118	45	38	83	26	27	50
10-d-2-C	Delaware, OH	3,105	N/A	N/A	2	4	10	10	64	90	251	70	89	173	17	19	75
10-d-2-C	Knox, OH	1,783	2	N/A	1	N/A	N/A	1	45	54	117	36	48	115	19	29	69
10-d-2-C	Licking, OH	5,506	1	4	N/A	2	6	3	118	236	495	157	191	437	43	72	205
10-d-2-C	Madison, OH	1,143	1	N/A	N/A	N/A	2	5	37	54	86	29	29	66	10	7	18



VISN 10: Central Ohio Market

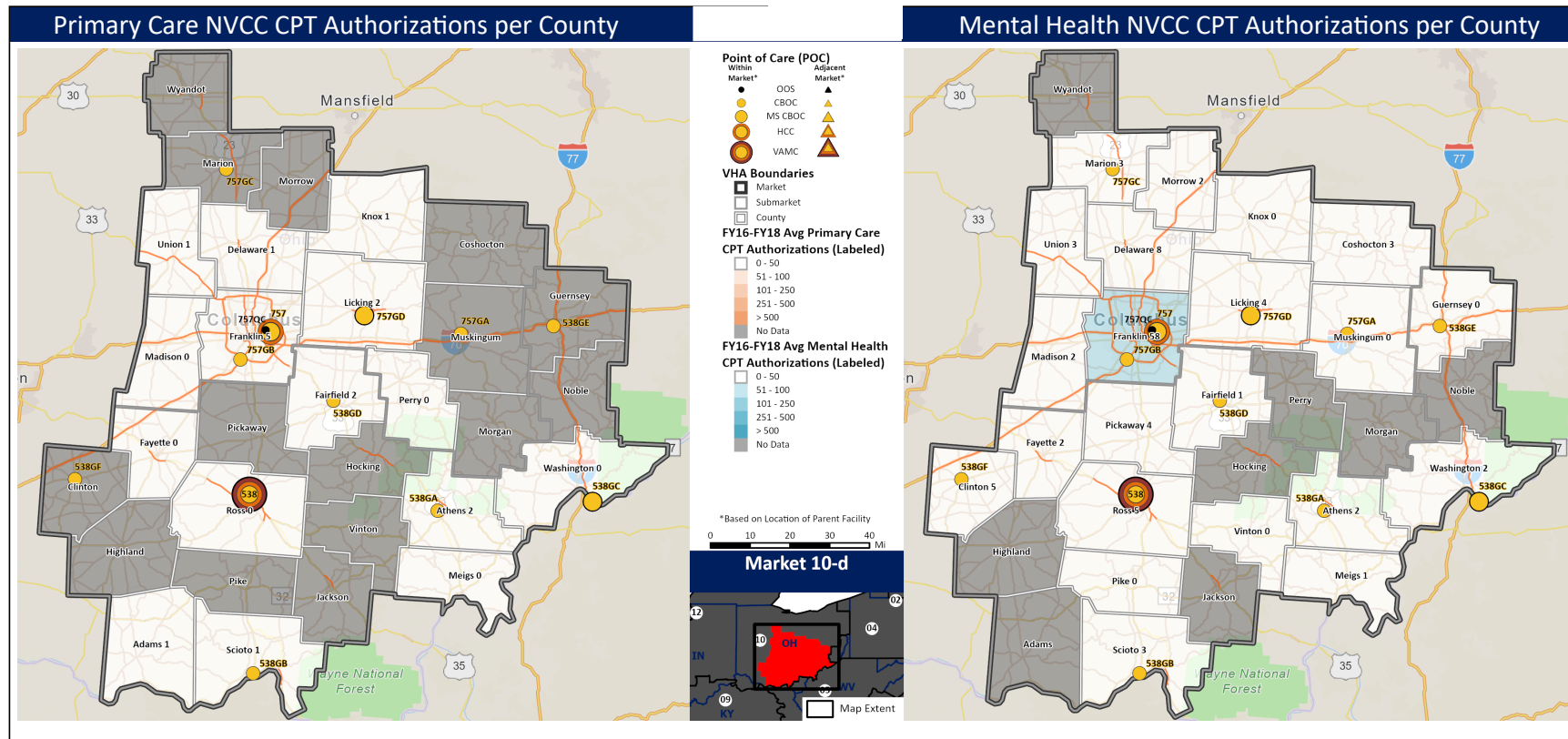
Demand ► Non-VA Community Care (NVCC) FY16-18 – Outpatient CPT Authorizations, cont.

Sector/County Name			Primary Care			Mental Health			Medicine			Surgery			Rehab Medicine		
Sector	County Name	2017 Enrollees	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
10-d-2-C	Marion, OH	1,922	N/A	N/A	N/A	4	2	3	73	81	165	49	65	124	42	49	136
10-d-2-C	Morgan, OH	517	N/A	N/A	N/A	N/A	N/A	N/A	43	49	99	28	29	75	19	10	25
10-d-2-C	Morrow, OH	949	N/A	N/A	N/A	1	3	2	30	43	130	27	35	87	11	20	49
10-d-2-C	Muskingum, OH	3,100	N/A	N/A	N/A	1	N/A	N/A	99	168	388	82	132	254	48	37	150
10-d-2-C	Perry, OH	1,298	N/A	N/A	1	N/A	N/A	N/A	59	85	224	33	56	123	21	20	53
10-d-2-C	Union, OH	1,069	N/A	1	3	2	3	3	35	40	110	34	36	97	22	16	42
10-d-2-C	Wyandot, OH	627	N/A	N/A	N/A	N/A	N/A	N/A	17	28	51	9	18	22	9	13	16
	Sector Subtotal	22,251	4	5	7	17	29	31	670	993	2,234	599	766	1,656	287	319	888
	Market Total	79,466	21	12	17	69	127	131	4,889	5,996	11,609	3,320	3,840	7,707	996	964	2,501



VISN 10: Central Ohio Market

Demand ► NVCC Outpatient CPT Authorizations (Primary Care and Mental Health)



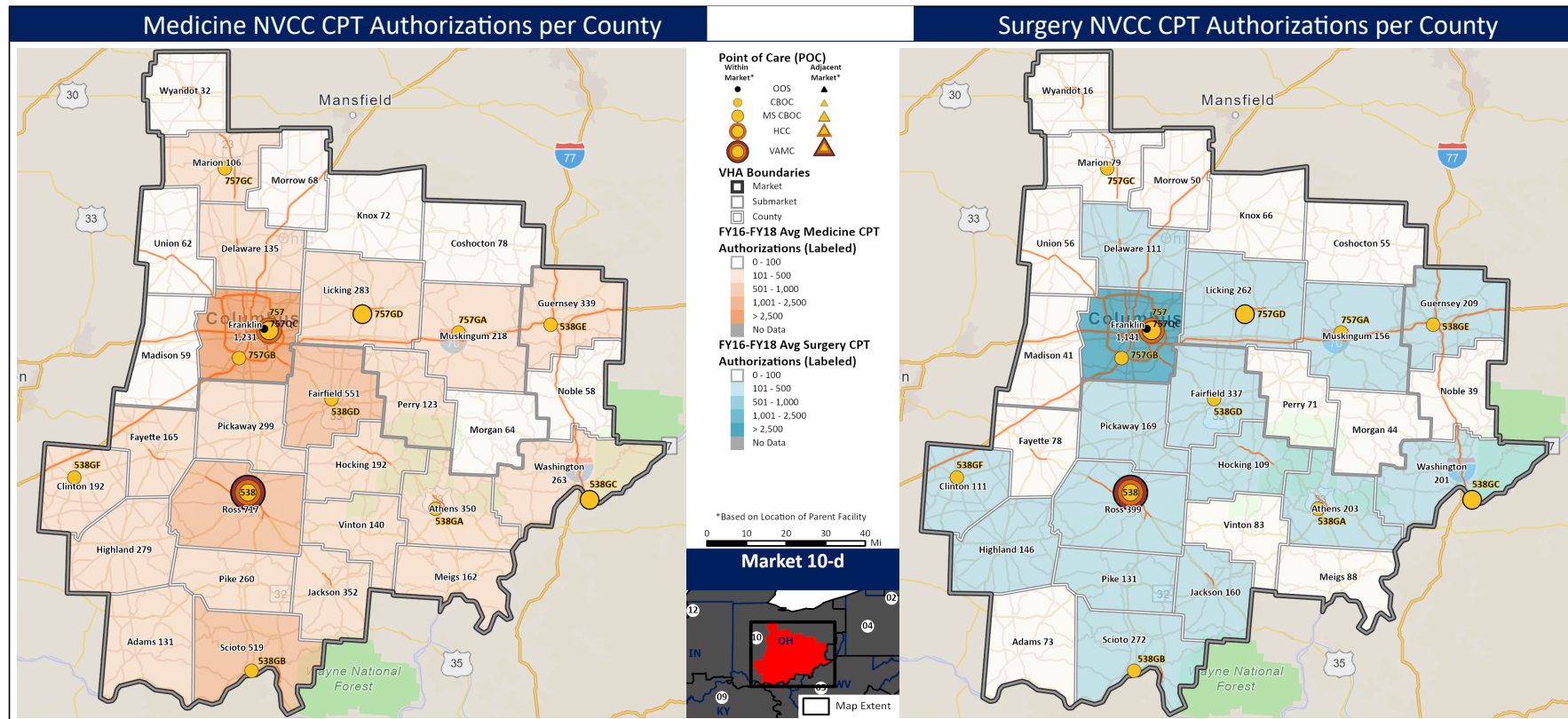
Source: VHA Office of Community Care

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VISN 10: Central Ohio Market

Demand ► NVCC Outpatient CPT Authorizations (Medicine and Surgery)



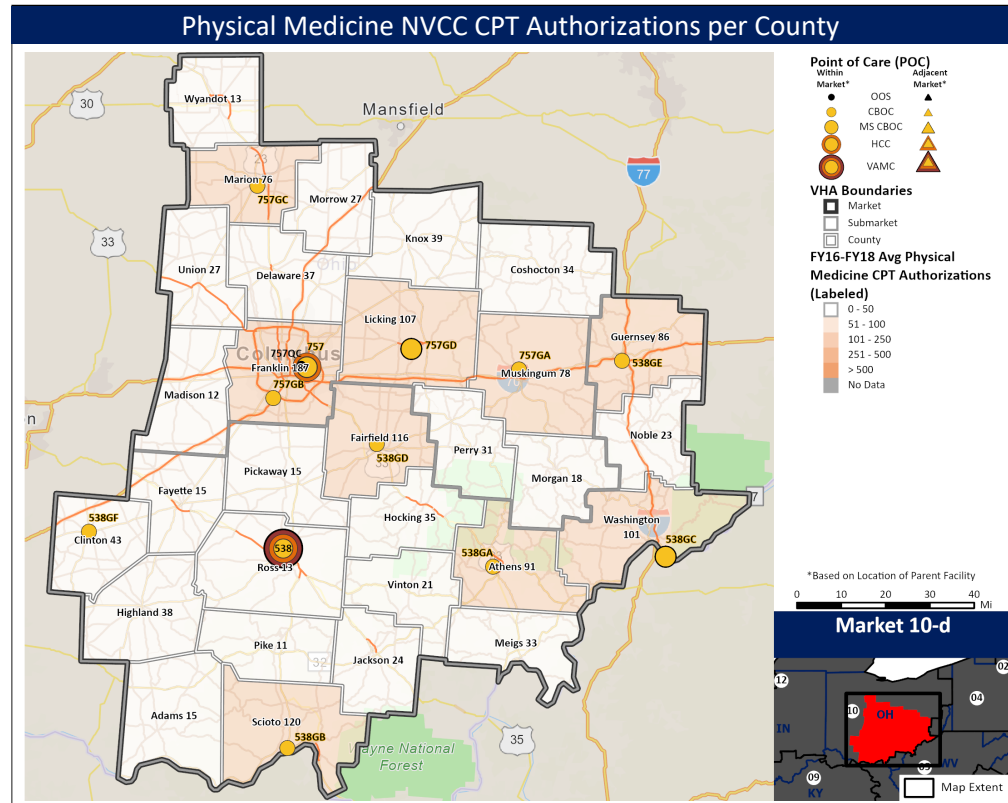
Source: VHA Office of Community Care

2.33.V10.CentralOhio



VISN 10: Central Ohio Market

Demand ► NVCC Outpatient CPT Authorizations (Physical Medicine)



Source: VHA Office of Community Care

2.34.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Top Services Provided by NVCC for Chillicothe-Ohio

Commercial*			
	FY16	FY17	FY18
Category of Care	Total Authorizations	Total Authorizations	Total Authorizations
ER VISIT/URGENT CARE	1,465	1,393	1,761
Inpatient	1,221	1,012	1,431
PHYSICAL THERAPY	378	165	1,025
CARDIOLOGY TESTS, PROCEDURES, STUDIES	768	566	749
PAIN MANAGEMENT	211	184	713
HEMATOLOGY/ONCOLOGY	275	293	676
RADIOLOGY MRI/MRA	210	242	646
NIC HOMEMAKER/HOME HEALTH AID	754	822	564
UROLOGY	599	359	563
NEPHROLOGY	160	125	495
OPHTHALMOLOGY TESTS, PROCEDURES, STUDIES	217	143	433
NIC SKILLED NURSING	221	272	424
RADIOLOGY CT SCAN	152	188	410
RADIOLOGY MAMMOGRAM	118	145	394
NEUROSURGERY	68	150	393
DERMATOLOGY	118	54	364
RADIOLOGY ULTRASOUND	227	318	363
SLEEP STUDY/POLYSOMNOGRAPHY	138	160	361
OPHTHALMOLOGY	48	69	318
GASTROENTEROLOGY	50	116	315
NEUROLOGY TESTS, PROCEDURES, STUDIES	49	39	273
NIC SKILLED HOME CARE	296	243	268
ENT	126	120	263
ORTHOPEDIC TESTS, PROCEDURES, STUDIES	159	127	262
SURGERY GENERAL	122	156	248
Other	2,047	1,953	3,583
Total	10,197	9,414	17,295

*Commercial includes authorizations from federally qualified health centers and provider agreements

Source: VHA Office of Community Care

2.26.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Top Services Provided by NVCC for Columbus-Ohio

Commercial*			
	FY16	FY17	FY18
Category of Care	Total Authorizations	Total Authorizations	Total Authorizations
ER VISIT/URGENT CARE	1,520	1,811	2,507
Inpatient	1,096	1,207	2,484
RADIOLOGY MAMMOGRAM	310	382	958
NIC HOMEMAKER/HOME HEALTH AID	508	752	942
PHYSICAL THERAPY	127	96	833
ORTHOPEDIC TESTS, PROCEDURES, STUDIES	267	202	783
NEUROSURGERY	13	154	577
CARDIOLOGY TESTS, PROCEDURES, STUDIES	83	190	560
RADIOLOGY CT SCAN	22	188	513
UROLOGY TESTS, PROCEDURES, STUDIES	103	122	440
NIC SKILLED NURSING	219	397	400
GASTROENTEROLOGY TESTS, PROCEDURES, STUDIES	42	65	322
DIALYSIS	144	331	314
NIC SKILLED HOME CARE	192	283	310
HEMATOLOGY/ONCOLOGY	38	118	304
PAIN MANAGEMENT	17	13	280
RADIOLOGY MRI/MRA	48	235	265
OPHTHALMOLOGY TESTS, PROCEDURES, STUDIES	72	64	254
RADIATION THERAPY	100	62	226
INTERVENTIONAL RADIOLOGY	31	161	220
VASCULAR TESTS, PROCEDURES, STUDIES	43	88	206
NEUROLOGY TESTS, PROCEDURES, STUDIES	78	119	186
SURGERY GENERAL	45	58	178
ENT, TESTS PROCEDURES, STUDIES	93	53	168
SLEEP STUDY/POLYSOMNOGRAPHY	1	28	157
Other	1,984	1,286	1,844
Total	7,196	8,465	16,231

*Commercial includes authorizations from federally qualified health centers and provider agreements

Source: VHA Office of Community Care

2.26.V10.CentralOhio.757



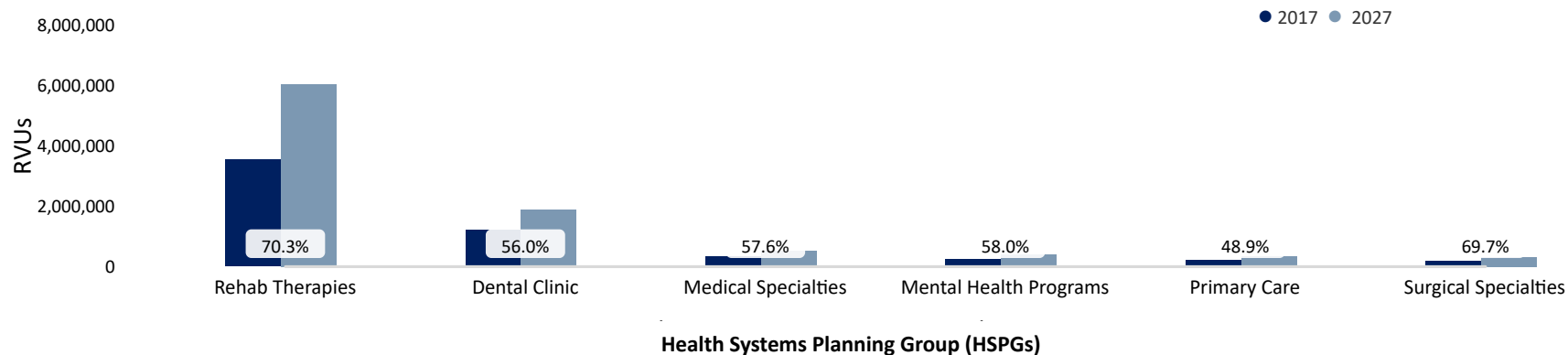
Demand ▶ Estimated Future Market Demand — Outpatient



VISN 10: Central Ohio Market

Demand ► **BY17 Market Utilization Projections (Outpatient) — Central Ohio Market**

BY17 VISN 10: Central Ohio Market Utilization Projections (RVUs)							
	FY17			FY22	FY27	10 Year Change in Total	10 Year % Change in Total
	In-House	Community	Total	Total	Total		
Rehab Therapies	2,934,348	607,485	3,541,834	4,836,636	6,032,205	2,490,371	+70.3%
Dental Clinic	1,139,630	73,841	1,213,471	1,662,613	1,893,290	679,819	+56%
Medical Specialties	273,916	59,908	333,824	439,302	526,171	192,347	+57.6%
Mental Health Programs	254,993	1,129	256,123	337,390	404,627	148,504	+58%
Primary Care	207,217	20,532	227,749	288,822	339,110	111,361	+48.9%
Surgical Specialties	129,651	53,228	182,879	249,889	310,389	127,510	+69.7%

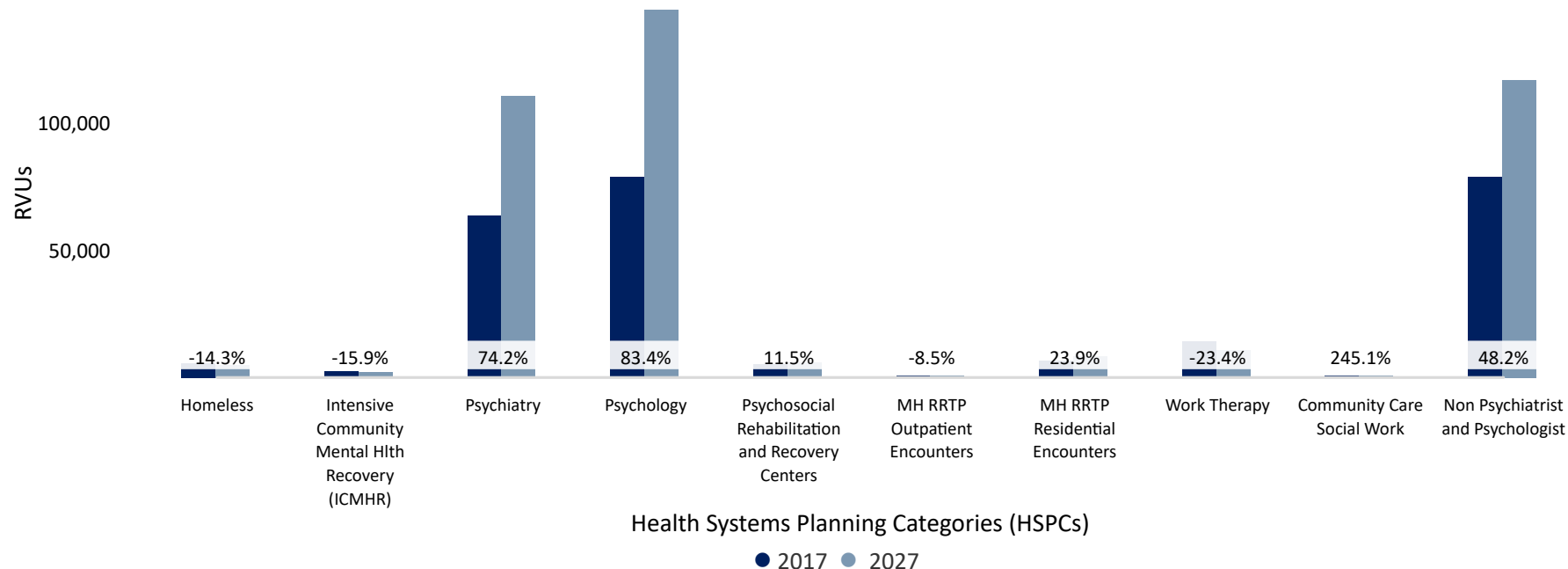




VISN 10: Central Ohio Market

Demand ► **Outpatient Utilization Projections by Health Systems Planning Category (HSPC)**
Mental Health RVUs — Central Ohio Market

Ambulatory Mental Health, Health Systems Planning Categories (HSPCs)

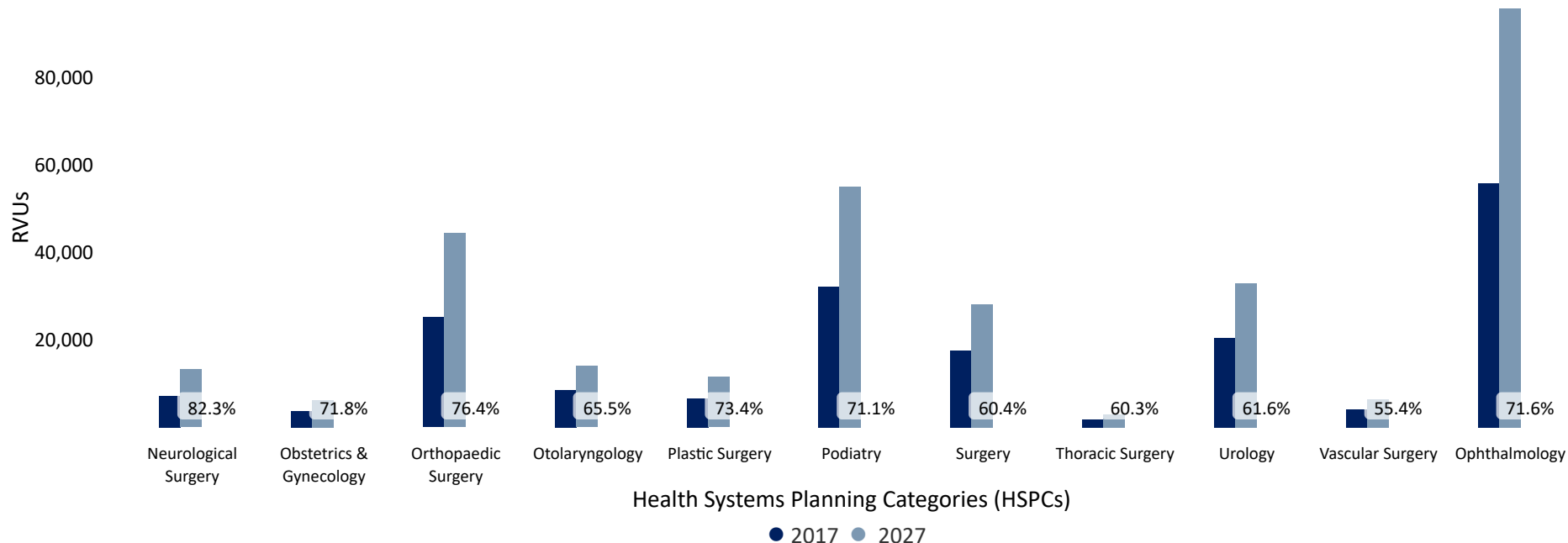




VISN 10: Central Ohio Market

Demand ► **Outpatient Utilization Projections by Health Systems Planning Category (HSPC) Surgical Specialties RVUs — Central Ohio Market**

Ambulatory Surgical Specialties, Health Systems Planning Categories (HSPCs)

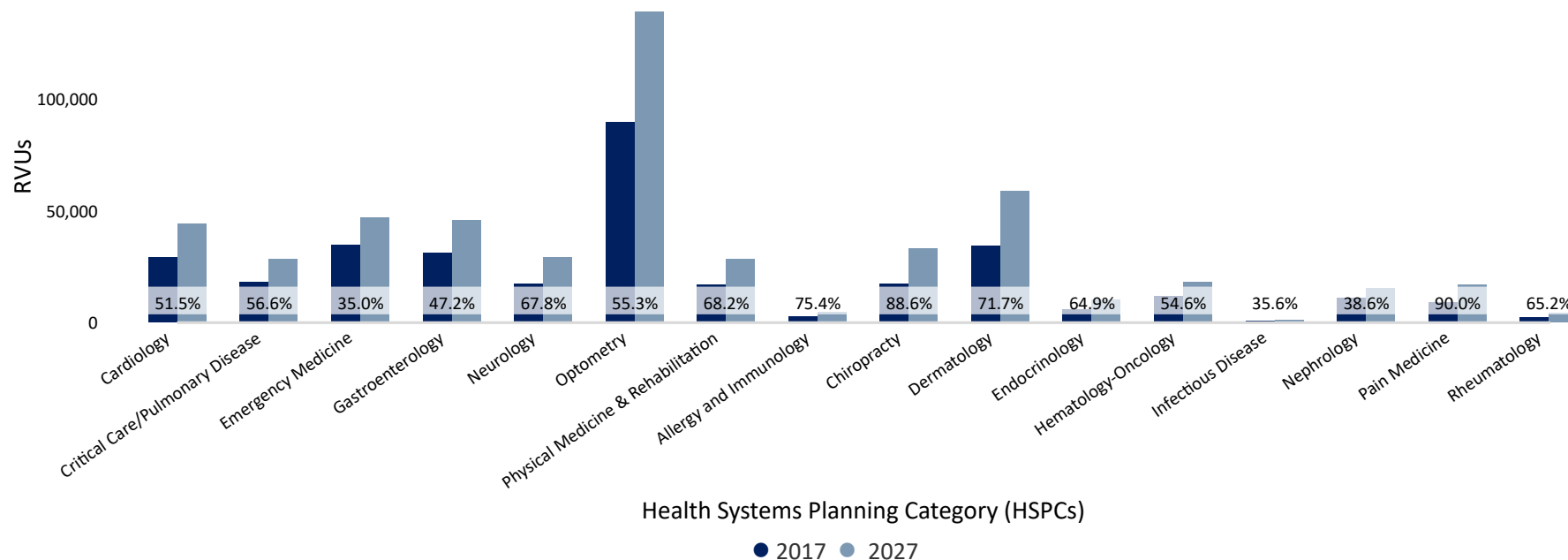




VISN 10: Central Ohio Market

Demand ▶ **Outpatient Utilization Projections by Health Systems Planning Category (HSPC) Medical Specialties RVUs — Central Ohio Market**

Ambulatory Medical Specialties, Health Systems Planning Categories (HSPCs)



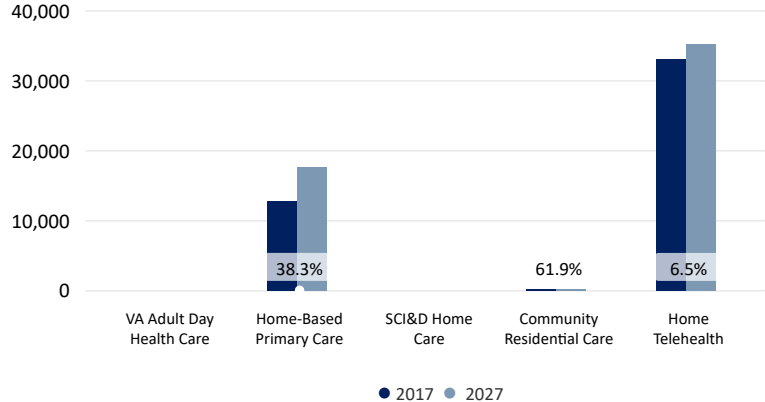


VISN 10: Central Ohio Market

Demand ► Outpatient Utilization Projections by Health Systems Planning Category (HSPC) Ambulatory Long Term Support Services — Central Ohio Market

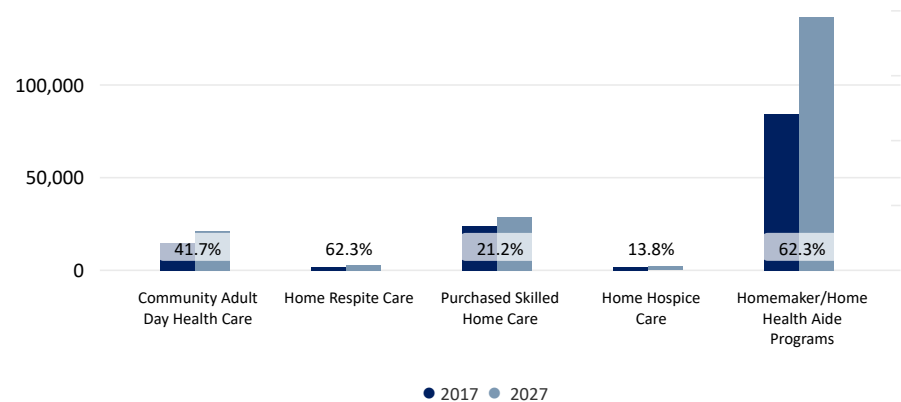
BY17 Central Ohio Market In-House LTSS Utilization Projections (RVUs)

	FY17	FY22	FY27	10 Year Change	10 Year % Change
VA Adult Day Health Care	0	0	0	0	
Home-Based Primary Care	12,781	15,516	17,681	4,900	38.3%
SCI&D Home Care	0	0	0	0	
Community Residential Care	155	283	251	96	61.9%
Home Telehealth	33,113	35,212	35,268	2,155	6.5%



BY17 Central Ohio Market Community LTSS Utilization Projections (Procedures)

	FY17	FY22	FY27	10 Year Change	10 Year % Change
Community Adult Day Health Care	14,932	18,634	21,154	6,222	41.7%
Home Respite Care	1,804	2,397	2,928	1,124	62.3%
Purchased Skilled Home Care	23,863	27,614	28,924	5,061	21.2%
Home Hospice Care	1,755	1,977	1,998	243	13.8%
Homemaker/Home Health Aide Programs	84,285	119,544	136,781	52,496	62.3%

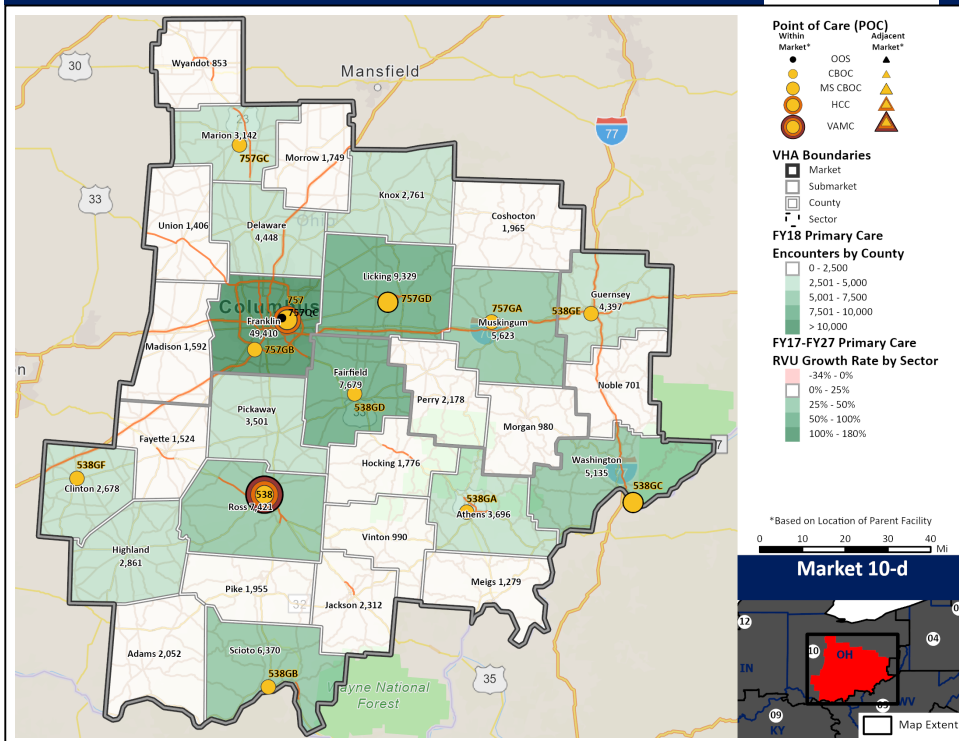




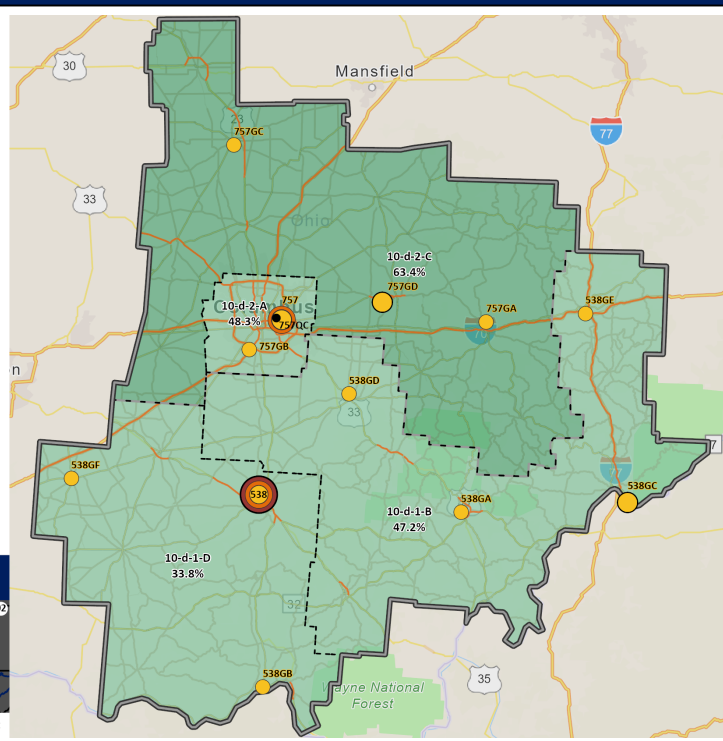
VISN 10: Central Ohio Market

Demand ► Primary Care Workload – Historic & Projected

FY18 Primary Care Encounters by County



FY17-FY27 Primary Care RVU Growth Rate by Sector



Source: 1. VSSC Encounters Cube 2. BY17 EHCPM Utilization Projections

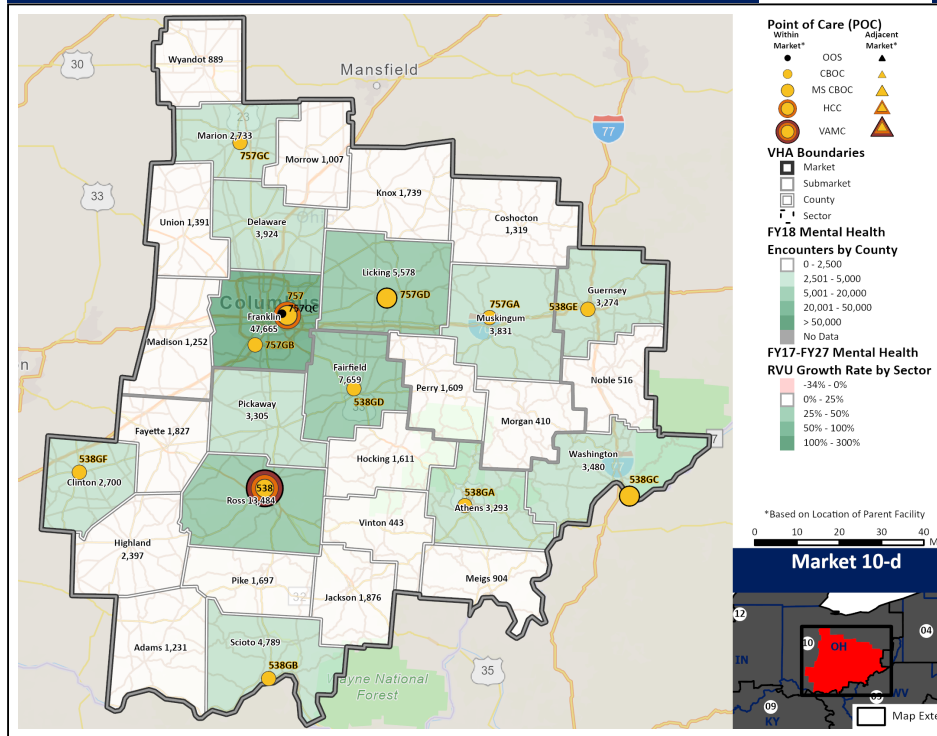
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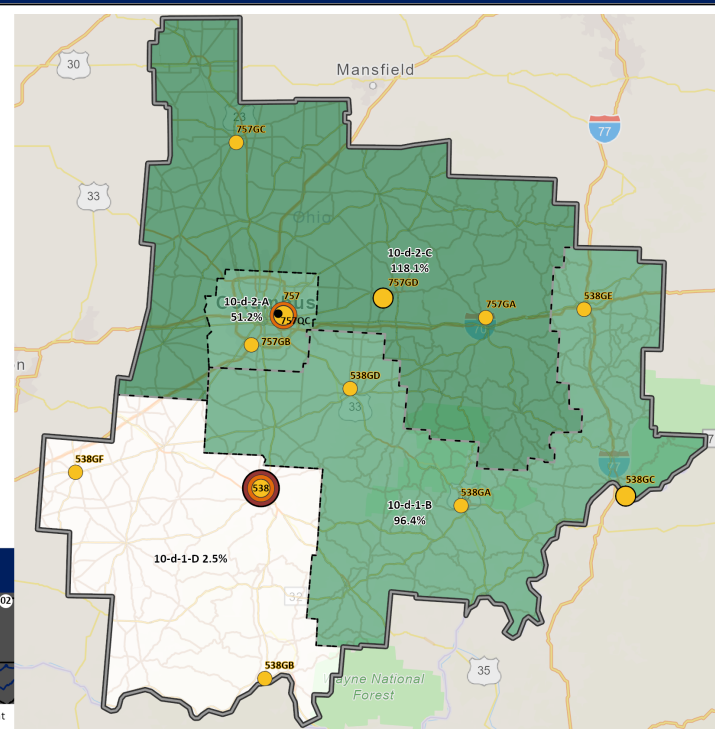
VISN 10: Central Ohio Market

Demand ► Mental Health Workload – Historic & Projected

FY18 Mental Health Encounters by County



FY17-FY27 Mental Health RVU Growth Rate by Sector



Source: 1. VSSC Encounters Cube 2. BY17 EHCPM Utilization Projections

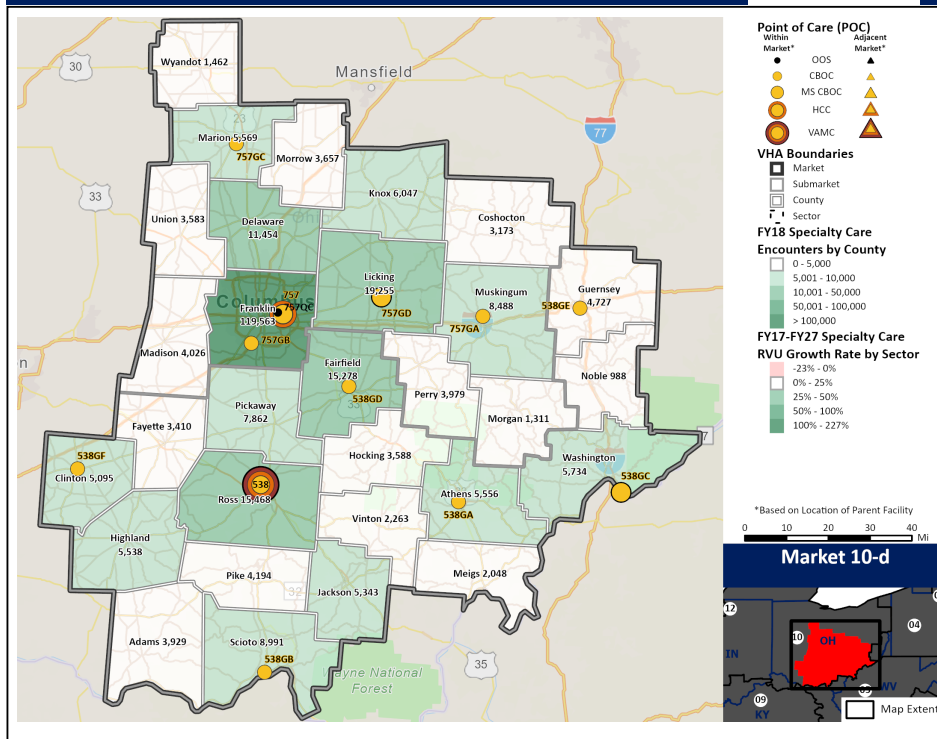
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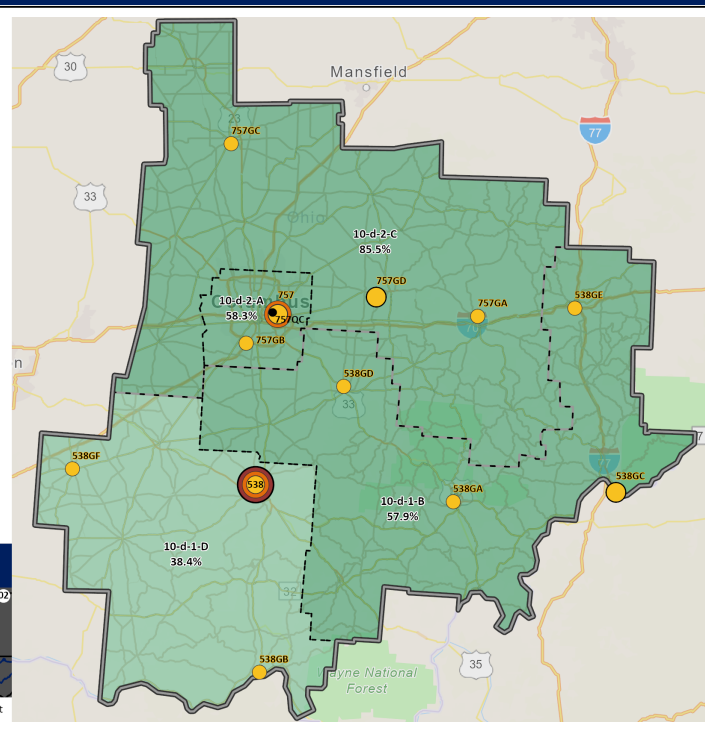
VISN 10: Central Ohio Market

Demand ► Specialty Care Workload (Med/Surg Specialties Combined) – Historic & Projected

FY18 Specialty Care Encounters by County



FY17-FY27 Specialty Care RVU Growth Rate by Sector



Source: 1. VSSC Encounters Cube 2. BY17 EHCPM Utilization Projections

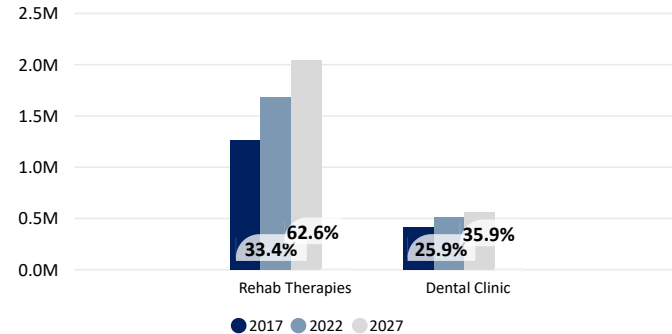
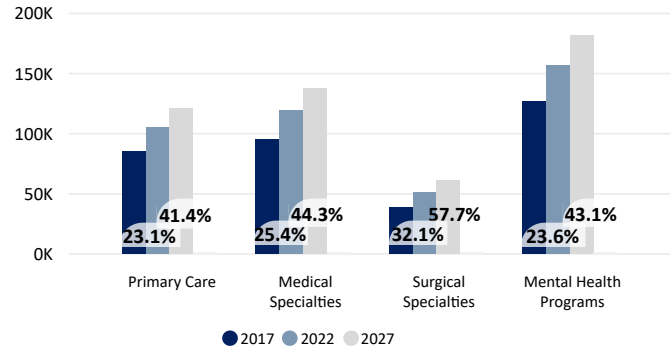
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VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **BY17 Parent Facility Utilization Projections (Outpatient) – Chillicothe-Ohio VAMC**

BY17 Chillicothe-Ohio VAMC Utilization Projections (RVUs)							
	FY17			FY22	FY27	10 Year Change in Total	10 Year % Change in Total
	In-House	Community	Total	Total	Total		
Primary Care	76,402	9,240	85,642	105,399	121,130	35,488	41.4%
Medical Specialties	71,449	24,006	95,455	119,669	137,702	42,247	44.3%
Surgical Specialties	16,062	22,562	38,624	51,007	60,922	22,298	57.7%
Mental Health Programs	126,287	529	126,816	156,761	181,527	54,711	43.1%
Rehab Therapies	942,308	317,032	1,259,340	1,680,420	2,048,011	788,671	62.6%
Dental Clinic	405,760	4,725	410,485	516,834	557,989	147,504	35.9%

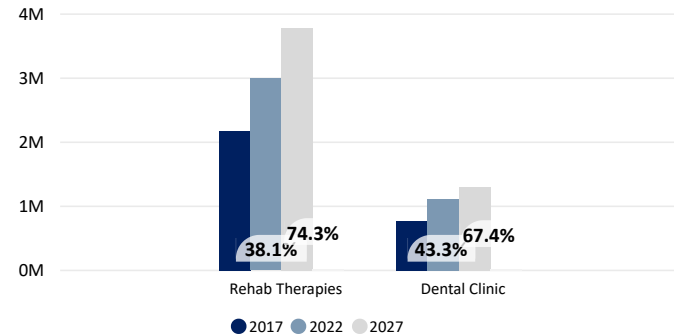
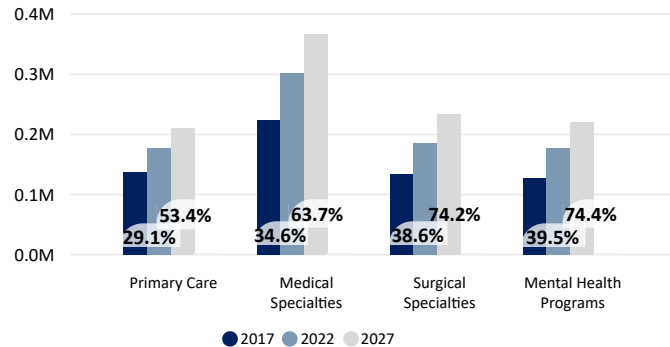




VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► BY17 Parent Facility Utilization Projections (Outpatient) – Columbus-Ohio HCC

BY17 Columbus-Ohio HCC Utilization Projections (RVUs)							
	FY17			FY22	FY27	10 Year Change in Total	10 Year % Change in Total
	In-House	Community	Total				
Primary Care	126,301	10,762	137,063	176,980	210,241	73,178	53.4%
Medical Specialties	190,311	33,832	224,143	301,612	366,942	142,799	63.7%
Surgical Specialties	106,023	28,189	134,212	186,064	233,824	99,612	74.2%
Mental Health Programs	126,283	415	126,698	176,746	220,901	94,203	74.4%
Rehab Therapies	1,913,560	256,496	2,170,056	2,996,504	3,782,871	1,612,815	74.3%
Dental Clinic	708,279	68,245	776,524	1,112,576	1,300,194	523,670	67.4%

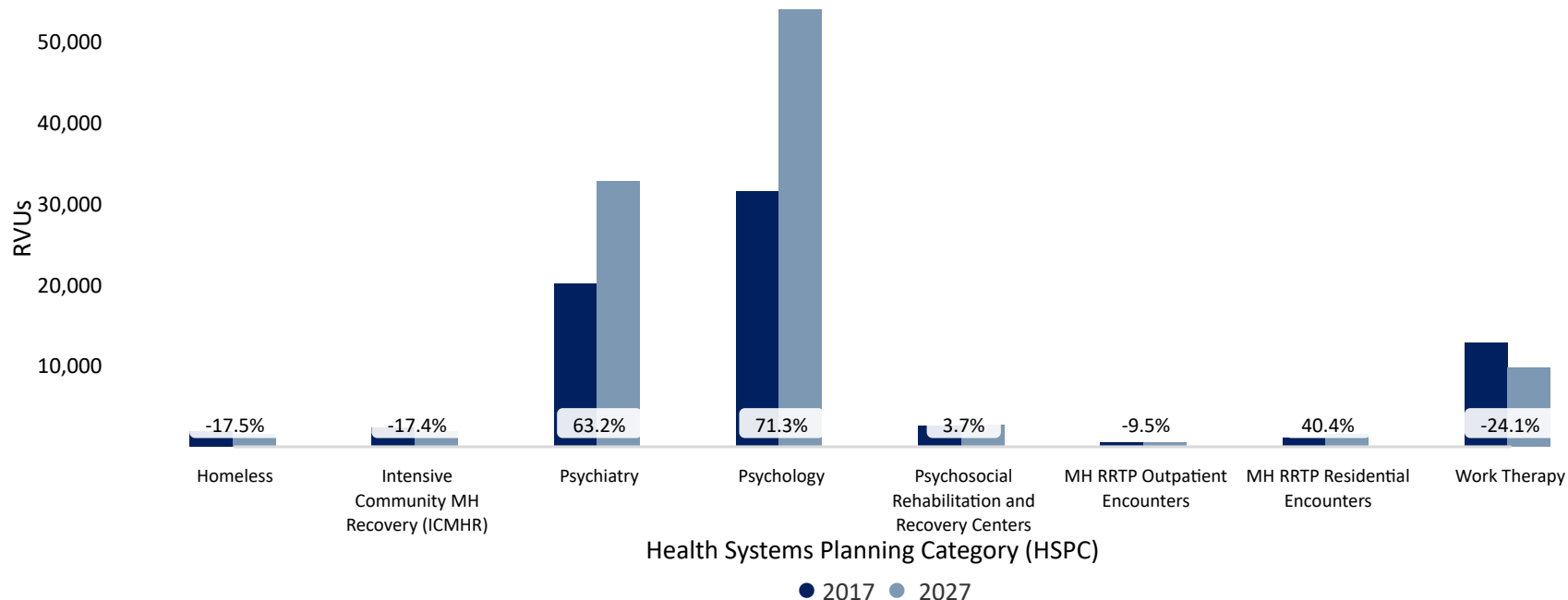




VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC)
Mental Health RVUs — Chillicothe-Ohio VAMC**

Ambulatory Mental Health, Health Systems Planning Categories (HSPCs)

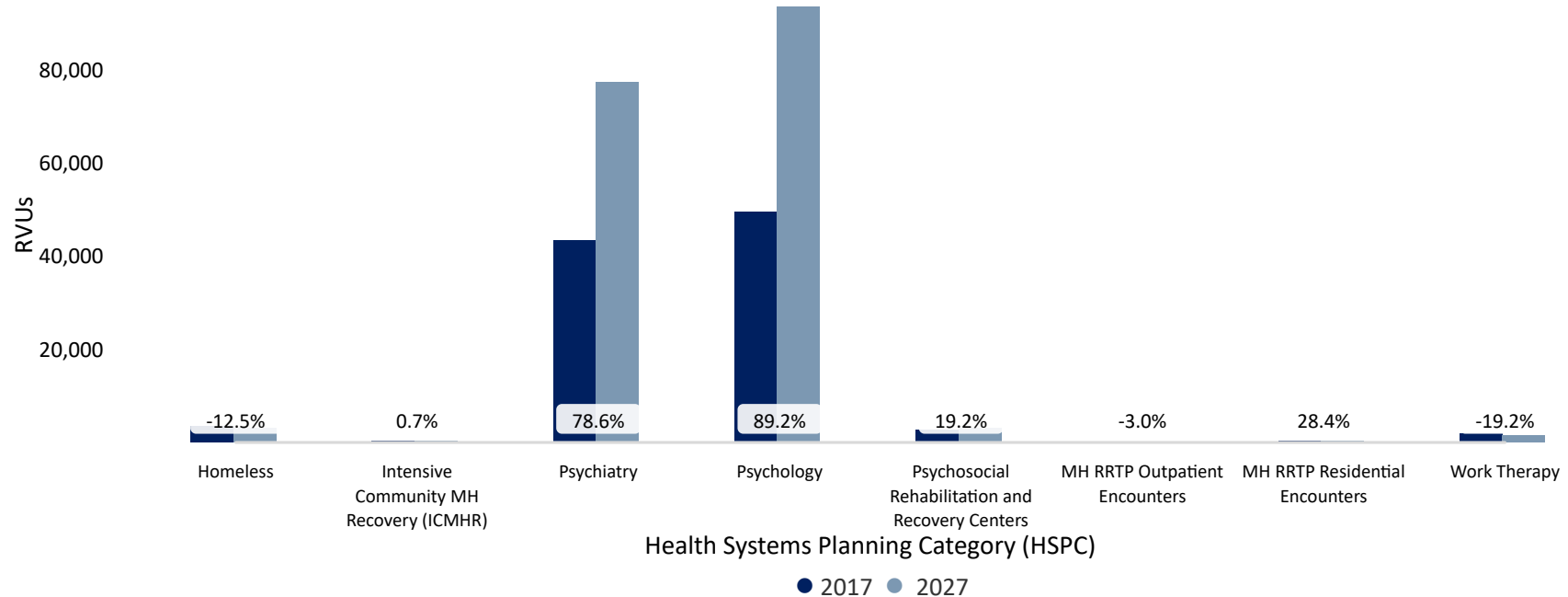




VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC)
Mental Health RVUs — Columbus-Ohio HCC**

Ambulatory Mental Health, Health Systems Planning Categories (HSPCs)

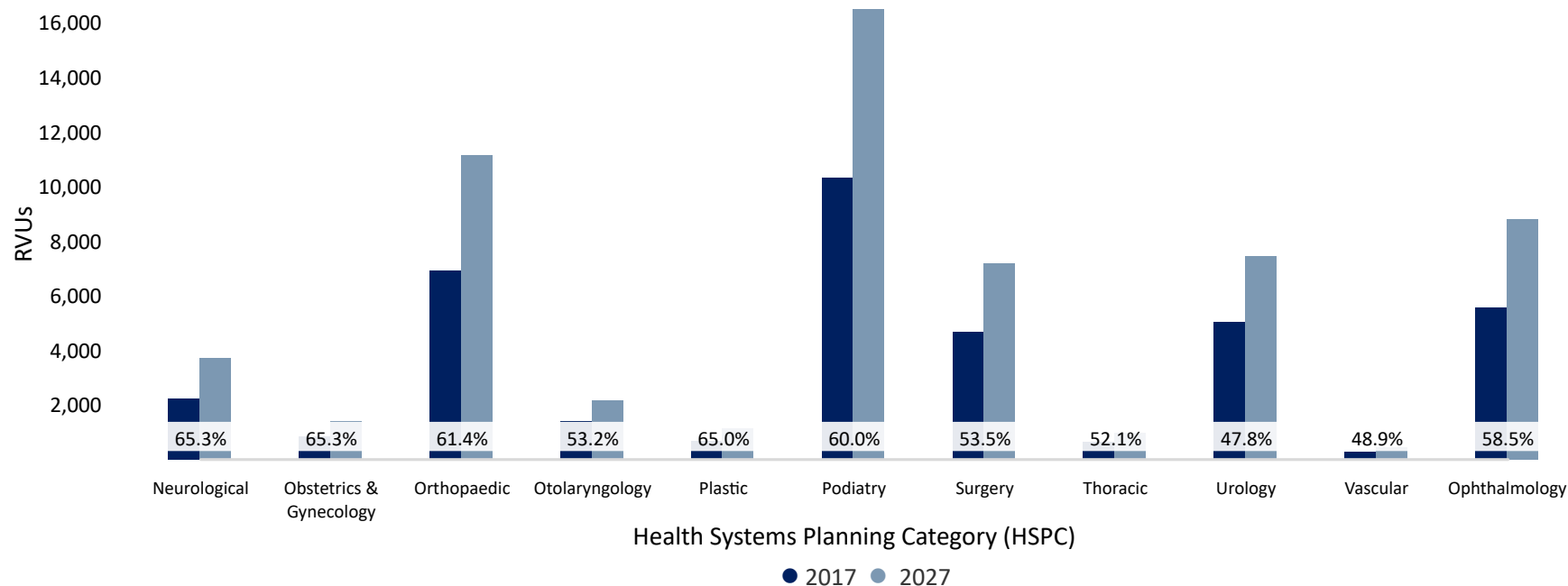




VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC)
Surgical Specialties RVUs — Chillicothe-Ohio VAMC**

Ambulatory Surgical Specialties, Health Systems Planning Categories (HSPCs)

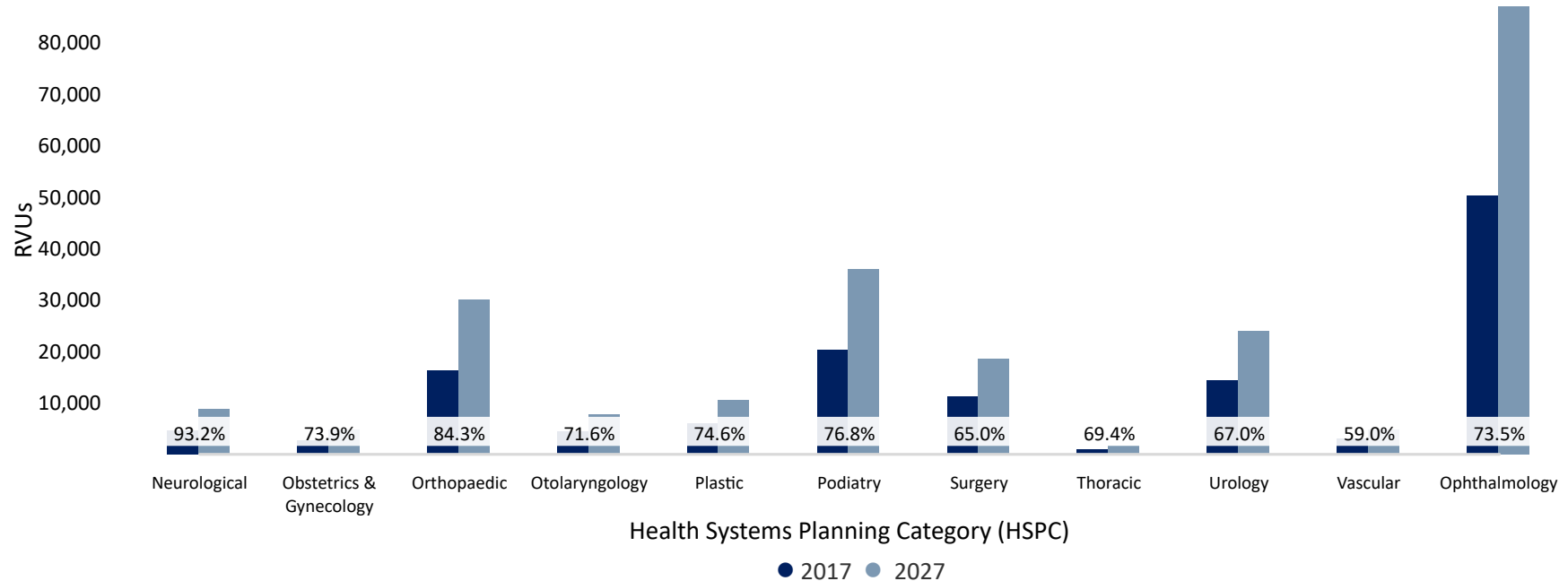




VISN 10: Central Ohio Market — Columbus-Ohio

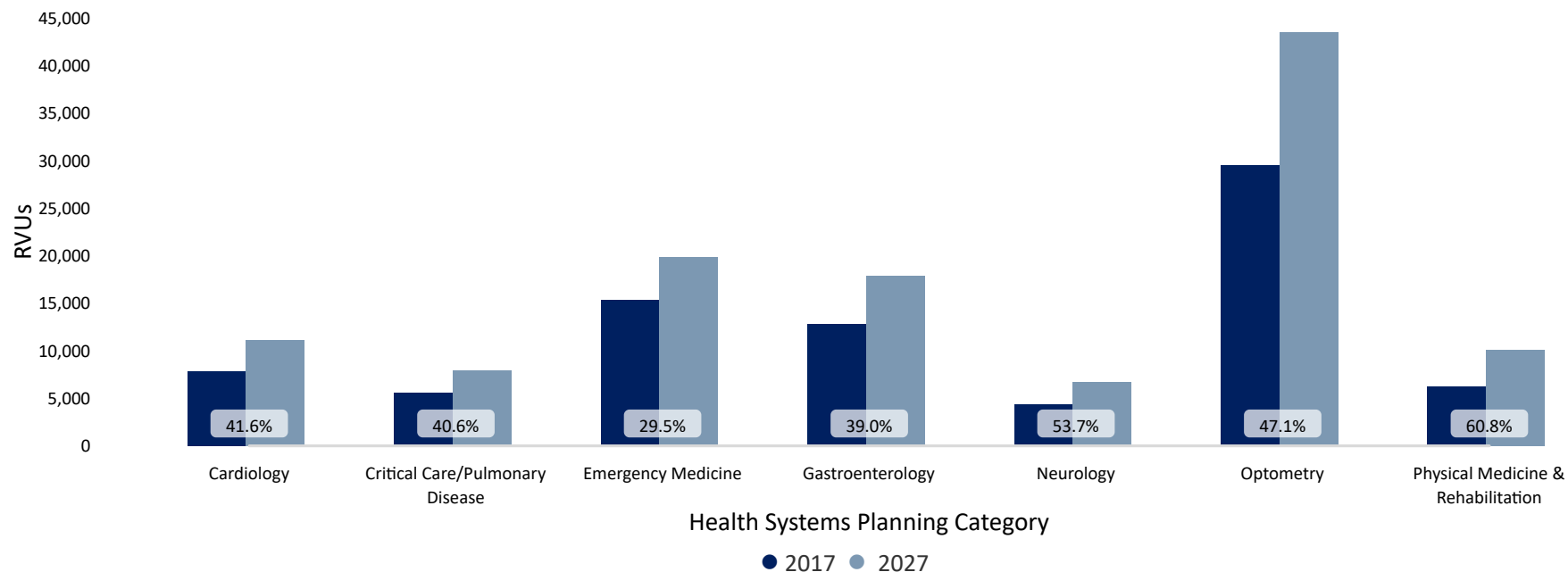
Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC)
Surgical Specialties RVUs — Columbus-Ohio HCC**

Ambulatory Surgical Specialties, Health Systems Planning Categories (HSPCs)



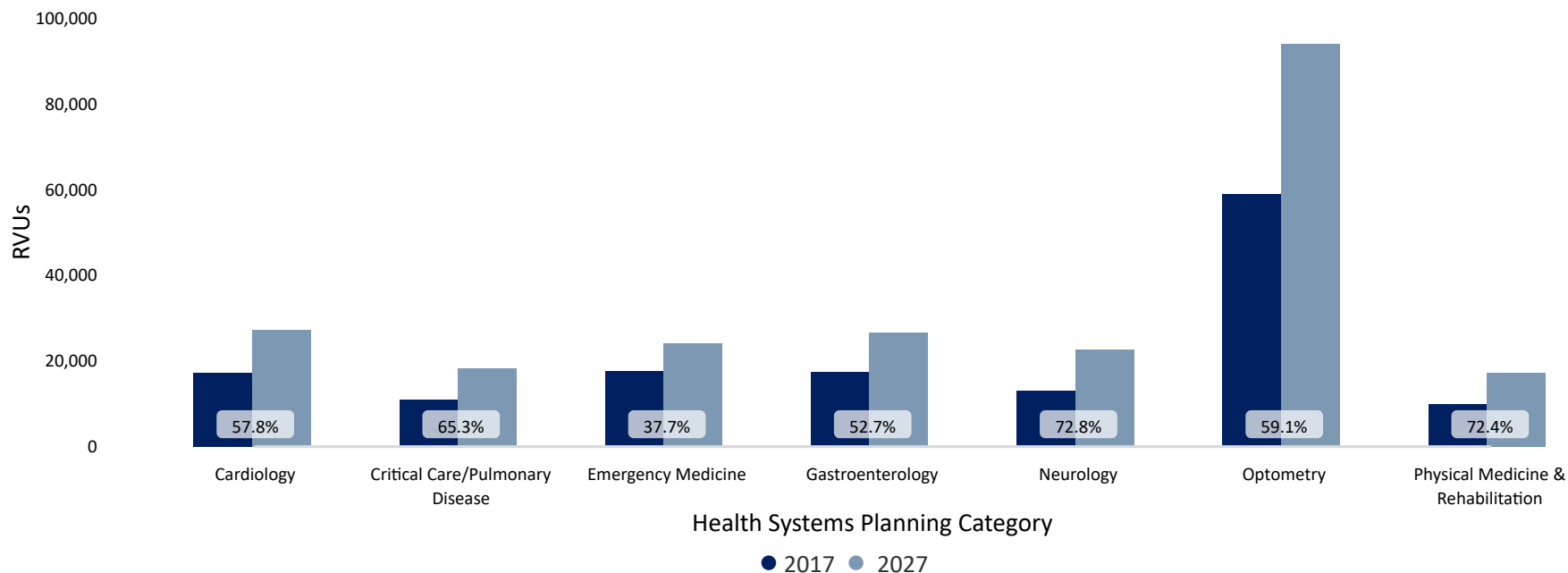


VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC) Medical Specialties RVUs — Chillicothe-Ohio VAMC****Ambulatory Medical Specialties, Health Systems Planning Categories (HSPCs)**



VISN 10: Central Ohio Market — Columbus-Ohio

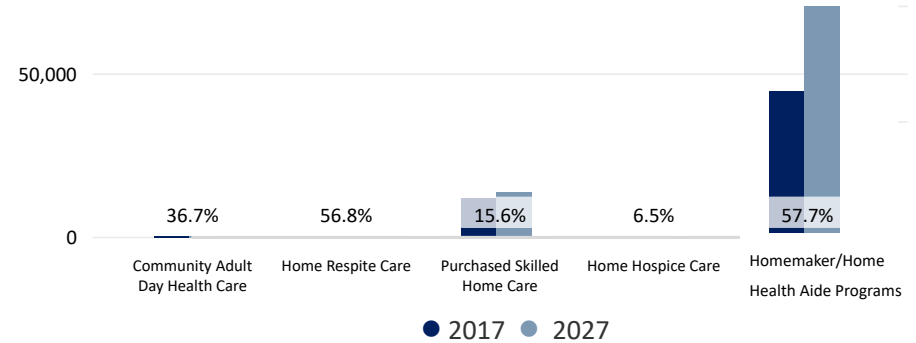
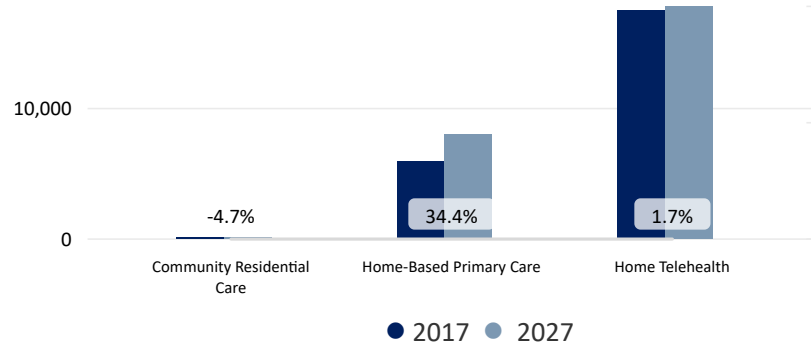
Demand ► **Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC) Medical Specialties RVUs — Columbus-Ohio HCC****Ambulatory Medical Specialties, Health Systems Planning Categories (HSPCs)**



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC) Ambulatory Long Term Support Services — Chillicothe-Ohio VAMC

BY17 Chillicothe-Ohio VAMC In-House LTSS Utilization Projections (RVUs)						BY17 Chillicothe-Ohio VAMC Community LTSS Utilization Projections (Procedures)*					
	FY17	FY22	FY27	10 Year Change	10 Year % Change		FY17	FY22	FY27	10 Year Change	10 Year % Change
SCI&D Home Care	N/A	N/A	N/A	N/A	N/A	Community Adult Day Health Care	332	410	454	122	36.7%
VA Adult Day Health Care	N/A	N/A	N/A	N/A	N/A	Home Respite Care	331	436	519	188	56.8%
Community Residential Care	132	145	126	-6	-4.7%	Purchased Skilled Home Care	12,075	13,609	13,956	1,881	15.6%
Home-Based Primary Care	5,964	7,172	8,013	2,049	34.4%	Home Hospice Care	124	134	132	8	6.5%
Home Telehealth	17,533	18,155	17,831	298	1.7%	Homemaker/Home Health Aide Programs	44,887	62,871	70,765	25,878	57.7%



* Provided at procedure level given the limited RVU reporting for these services

Source: BY17 EHCPM Utilization Projections

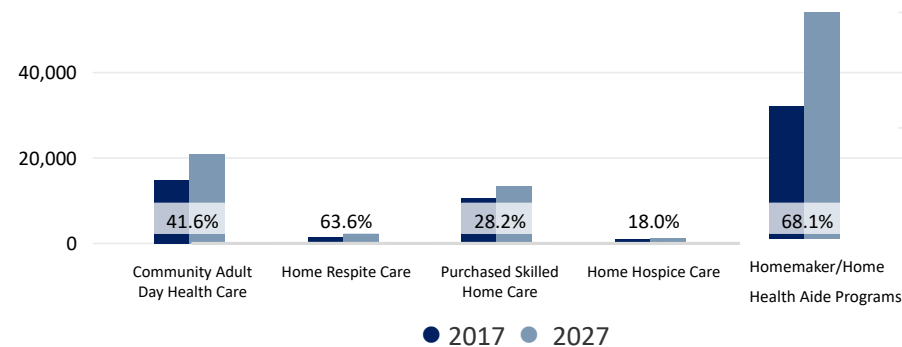
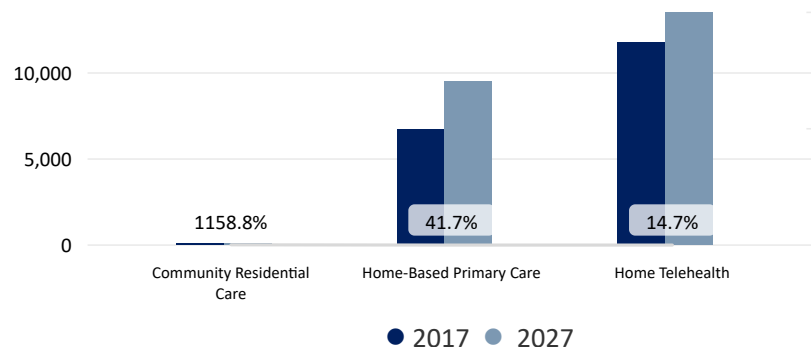
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VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Outpatient Parent Facility Utilization Projections by Health Systems Planning Category (HSPC) Ambulatory Long Term Support Services — Columbus-Ohio HCC

BY17 Columbus-Ohio HCC In-House LTSS Utilization Projections (RVUs)						BY17 Columbus-Ohio HCC Community LTSS Utilization Projections (Procedures)*					
	FY17	FY22	FY27	10 Year Change	10 Year % Change		FY17	FY22	FY27	10 Year Change	10 Year % Change
SCI&D Home Care	N/A	N/A	N/A	N/A	N/A	Community Adult Day Health Care	14,760	18,408	20,898	6,138	41.6%
VA Adult Day Health Care	N/A	N/A	N/A	N/A	N/A	Home Respite Care	1,478	1,969	2,418	940	63.6%
Community Residential Care	8	112	104	96	1158.8%	Purchased Skilled Home Care	10,539	12,599	13,514	2,975	28.2%
Home-Based Primary Care	6,724	8,228	9,525	2,801	41.7%	Home Hospice Care	1,084	1,250	1,279	195	18.0%
Home Telehealth	11,789	13,090	13,522	1,733	14.7%	Homemaker/Home Health Aide Programs	32,172	46,339	54,080	21,908	68.1%



* Provided at procedure level given the limited RVU reporting for these services

Source: BY17 EHCPM Utilization Projections

3.13.V10.CentralOhio.757



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Overall Outpatient Commercial Demand – Chillicothe-Ohio Area

• Overview:

- ✓ Outpatient demand estimates (patient visits) were also developed to understand current and future expected commercial outpatient demand
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

Clinical Service Line	Patient Visits				Growth Projections		
	2018	2023	2028	5 Year Chg	% Chg	10 Year Chg	% Chg
General/Family Practice	1,937,759	2,090,900	2,292,849	153,141	7.9%	355,090	18.3%
Internal Medicine	1,055,334	1,169,854	1,306,672	114,520	10.9%	251,338	23.8%
Primary Care Total	2,993,093	3,260,755	3,599,521	267,661	8.9%	606,428	20.3%
Allergy/Immunology	58,687	64,219	71,005	5,531	9.4%	12,317	21.0%
Cardiology	275,058	322,221	373,149	47,163	17.1%	98,091	35.7%
Dermatology	265,725	295,233	329,499	29,508	11.1%	63,774	24.0%
Endocrinology	78,016	85,471	94,604	7,455	9.6%	16,588	21.3%
Gastroenterology	114,535	127,106	141,663	12,571	11.0%	27,128	23.7%
Hematology/Oncology	228,242	266,882	308,328	38,641	16.9%	80,086	35.1%
Infectious Disease	15,680	17,445	19,485	1,765	11.3%	3,804	24.3%
Nephrology	41,868	49,048	56,757	7,180	17.1%	14,889	35.6%
Neurology	105,516	116,180	129,034	10,664	10.1%	23,519	22.3%
Pain Management	51,123	58,241	66,206	7,118	13.9%	15,083	29.5%
Pulmonology	65,412	74,612	84,818	9,200	14.1%	19,407	29.7%
Rheumatology	63,533	70,922	79,597	7,388	11.6%	16,063	25.3%
Vascular	16,805	19,997	23,383	3,193	19.0%	6,578	39.1%
Specialty Care (Medicine) Sub-Total	1,380,200	1,567,577	1,777,529	187,377	13.6%	397,328	28.8%
Cardio/Thoracic Surgery	8,383	9,447	10,605	1,064	12.7%	2,222	26.5%
Colorectal Surgery	8,178	8,997	9,975	818	10.0%	1,797	22.0%
General Surgery	100,441	111,174	123,571	10,734	10.7%	23,130	23.0%
Neurosurgery	21,554	23,548	25,926	1,994	9.3%	4,373	20.3%
Ophthalmology	272,046	313,727	360,170	41,681	15.3%	88,124	32.4%
Orthopedic Surgery	280,400	309,162	343,147	28,762	10.3%	62,748	22.4%
Otolaryngology	122,973	134,929	149,208	11,956	9.7%	26,235	21.3%
Plastic Surgery	21,712	23,884	26,422	2,172	10.0%	4,710	21.7%
Urology	128,295	146,506	167,036	18,210	14.2%	38,741	30.2%
Specialty Care (Surgery) Sub-Total	963,983	1,081,374	1,216,061	117,391	12.2%	252,079	26.1%
Medicine/Surgery Total	2,344,183	2,648,951	2,993,590	304,768	13.0%	649,407	27.7%
Obstetrics/Gynecology	388,211	406,563	438,016	18,352	4.7%	49,805	12.8%
Women's Health Total	388,211	406,563	438,016	18,352	4.7%	49,805	12.8%
Psychiatry	249,677	262,980	283,258	13,303	5.3%	33,581	13.4%
Mental Health Total	249,677	262,980	283,258	13,303	5.3%	33,581	13.4%
Physical Medicine/Rehab	68,644	76,007	84,728	7,363	10.7%	16,084	23.4%
Rehab Total	68,644	76,007	84,728	7,363	10.7%	16,084	23.4%
Emergency/Critical Care	832,142	903,619	982,005	71,477	8.6%	149,863	18.0%



VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Overall Outpatient Commercial Demand – Chillicothe-Ohio Area, cont.

- Overview:

- ✓ Outpatient demand estimates (patient visits) were also developed to understand current and future expected commercial outpatient demand
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

Clinical Service Line	Patient Visits				Growth Projections		
	2018	2023	2028	5 Year Chg	% Chg	10 Year Chg	% Chg
Emergency Services Total	832,142	903,619	982,005	71,477	8.6%	149,863	18.0%
Nurse Practitioner	250,394	278,412	311,867	28,017	11.2%	61,473	24.6%
Physician Assistant	167,002	187,804	211,918	20,802	12.5%	44,916	26.9%
Other Services Total	417,397	466,216	523,785	48,819	11.7%	106,389	25.5%
Grand Total	7,293,347	8,025,090	8,904,903	731,743	10.0%	1,611,556	22.1%



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Overall Outpatient Commercial Demand – Columbus-Ohio Area

• Overview:

- ✓ Outpatient demand estimates (patient visits) were also developed to understand current and future expected commercial outpatient demand
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

Clinical Service Line	Patient Visits				Growth Projections		
	2018	2023	2028	5 Year Chg	% Chg	10 Year Chg	% Chg
General/Family Practice	3,132,000	3,393,629	3,739,877	261,629	8.4%	607,876	19.4%
Internal Medicine	1,699,564	1,895,196	2,129,431	195,632	11.5%	429,867	25.3%
Primary Care Total	4,831,564	5,288,825	5,869,308	457,261	9.5%	1,037,744	21.5%
Allergy/Immunology	98,616	108,591	120,842	9,975	10.1%	22,226	22.5%
Cardiology	418,516	492,523	573,577	74,007	17.7%	155,061	37.1%
Dermatology	446,370	500,230	563,334	53,860	12.1%	116,963	26.2%
Endocrinology	127,905	141,114	157,262	13,209	10.3%	29,357	23.0%
Gastroenterology	174,489	193,987	217,071	19,498	11.2%	42,582	24.4%
Hematology/Oncology	357,187	420,909	490,135	63,722	17.8%	132,948	37.2%
Infectious Disease	24,749	27,714	31,179	2,965	12.0%	6,430	26.0%
Nephrology	62,403	73,483	85,616	11,080	17.8%	23,213	37.2%
Neurology	168,950	186,661	208,142	17,711	10.5%	39,192	23.2%
Pain Management	78,532	89,774	102,555	11,242	14.3%	24,023	30.6%
Pulmonology	103,072	118,288	135,338	15,216	14.8%	32,266	31.3%
Rheumatology	105,761	119,076	134,582	13,315	12.6%	28,821	27.3%
Vascular	24,445	29,266	34,488	4,820	19.7%	10,043	41.1%
Specialty Care (Medicine) Sub-Total	2,190,996	2,501,616	2,854,121	310,620	14.2%	663,125	30.3%
Cardio/Thoracic Surgery	12,728	14,404	16,262	1,676	13.2%	3,534	27.8%
Colorectal Surgery	12,651	13,954	15,542	1,303	10.3%	2,890	22.8%
General Surgery	152,528	168,931	188,316	16,403	10.8%	35,788	23.5%
Neurosurgery	33,892	37,150	41,072	3,258	9.6%	7,180	21.2%
Ophthalmology	449,441	522,273	603,595	72,833	16.2%	154,154	34.3%
Orthopedic Surgery	457,718	508,393	568,432	50,675	11.1%	110,714	24.2%
Otolaryngology	201,228	222,246	247,520	21,017	10.4%	46,292	23.0%
Plastic Surgery	33,488	36,910	41,007	3,422	10.2%	7,518	22.5%
Urology	208,375	240,206	276,221	31,832	15.3%	67,846	32.6%
Specialty Care (Surgery) Sub-Total	1,562,050	1,764,467	1,997,966	202,417	13.0%	435,916	27.9%
Medicine/Surgery Total	3,753,046	4,266,083	4,852,087	513,037	13.7%	1,099,042	29.3%
Obstetrics/Gynecology	619,725	653,676	710,955	33,952	5.5%	91,231	14.7%
Women's Health Total	619,725	653,676	710,955	33,952	5.5%	91,231	14.7%
Psychiatry	396,889	419,618	454,279	22,729	5.7%	57,390	14.5%
Mental Health Total	396,889	419,618	454,279	22,729	5.7%	57,390	14.5%
Physical Medicine/Rehab	109,604	121,946	136,682	12,342	11.3%	27,078	24.7%
Rehab Total	109,604	121,946	136,682	12,342	11.3%	27,078	24.7%
Emergency/Critical Care	1,170,849	1,272,125	1,388,541	101,275	8.6%	217,692	18.6%



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Overall Outpatient Commercial Demand – Columbus-Ohio Area, cont.

- Overview:

- ✓ Outpatient demand estimates (patient visits) were also developed to understand current and future expected commercial outpatient demand
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

Clinical Service Line	Patient Visits			Growth Projections			
	2018	2023	2028	5 Year Chg	% Chg	10 Year Chg	% Chg
Emergency Services Total	1,170,849	1,272,125	1,388,541	101,275	8.6%	217,692	18.6%
Nurse Practitioner	398,473	444,561	500,548	46,088	11.6%	102,075	25.6%
Physician Assistant	261,483	295,217	335,033	33,734	12.9%	73,549	28.1%
Other Services Total	659,956	739,778	835,580	79,822	12.1%	175,624	26.6%
Grand Total	11,541,633	12,762,051	14,247,433	1,220,418	10.6%	2,705,800	23.4%



Demand ► Estimated Current and Historic Market Demand — Inpatient



VISN 10: Central Ohio Market – Chillicothe-Ohio

Demand ► Inpatient Demand and CMI – Chillicothe-Ohio

Operating Beds from PTF Cube					Operating Beds Reported by Field	Average Daily Census (ADC)				
Bed Service	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	FY15-18 Change %
Medical	35	27	27	27	27	19.4	15.0	14.1	15.8	-18.6%
Total Med/Surg	35	27	27	27	27	19.4	15.0	14.1	15.8	-18.6%
Mental Health	28	28	28	28	28	19.3	16.6	16.4	17.7	-8.3%
RRTP*	78	78	78	78	78	69.5	64.1	68.8	65.5	-5.8%
CLC	162	162	162	162	162	147.5	142.8	135.4	154.1	4.5%
VAMC Total	303	295	295	295	295	255.7	238.5	234.7	253.1	-1.0%

Facility	VAMC Case Mix Index ³								Commercial Provider Case Mix Index ⁴	
	2015 Unique	2016 Unique	2017 Unique	2018 Unique	2015 CMI	2016 CMI	2017 CMI	2018 CMI	Median CMI*	High CMI**
(538) Chillicothe-Ohio	1,127	870	845	909	0.89	0.91	0.95	0.96	1.63	2.16

*RRTP includes Domiciliary and CWT/TR Bed Services

**Market: Within a 60 minute drive time of the VAMC

Source: 1. Beds reported by the field in GFI submission 2. VSSC Beds Using PTF Cube 3. MCAO Discharge Cube 4. CMI (acute inpatient care) based on Medicare only population from 2018 CMS Cost Reports



VISN 10: Central Ohio Market – Columbus-Ohio

Demand ► Inpatient Demand and CMI – Columbus-Ohio

Operating Beds from PTF Cube					Operating Beds Reported by Field	Average Daily Census (ADC)				
Bed Service	FY15	FY16	FY17	FY18		FY15	FY16	FY17	FY18	FY15-18 Change %
Medical	N/A	N/A	N/A	N/A	0	N/A	N/A	0.3	0.2	N/A
Neurology	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	0.2	N/A
Total Med/Surg	N/A	N/A	N/A	N/A	0	N/A	N/A	0.3	0.4	N/A
VAMC Total	N/A	N/A	N/A	N/A	0	N/A	N/A	0.3	0.4	N/A

Facility	VAMC Case Mix Index ³								Commercial Provider Case Mix Index ⁴	
	2015 Unique	2016 Unique	2017 Unique	2018 Unique	2015 CMI	2016 CMI	2017 CMI	2018 CMI	Median CMI*	High CMI**
(757) Columbus-Ohio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.64	2.45

*RRTP includes Domiciliary and CWT/TR Bed Services

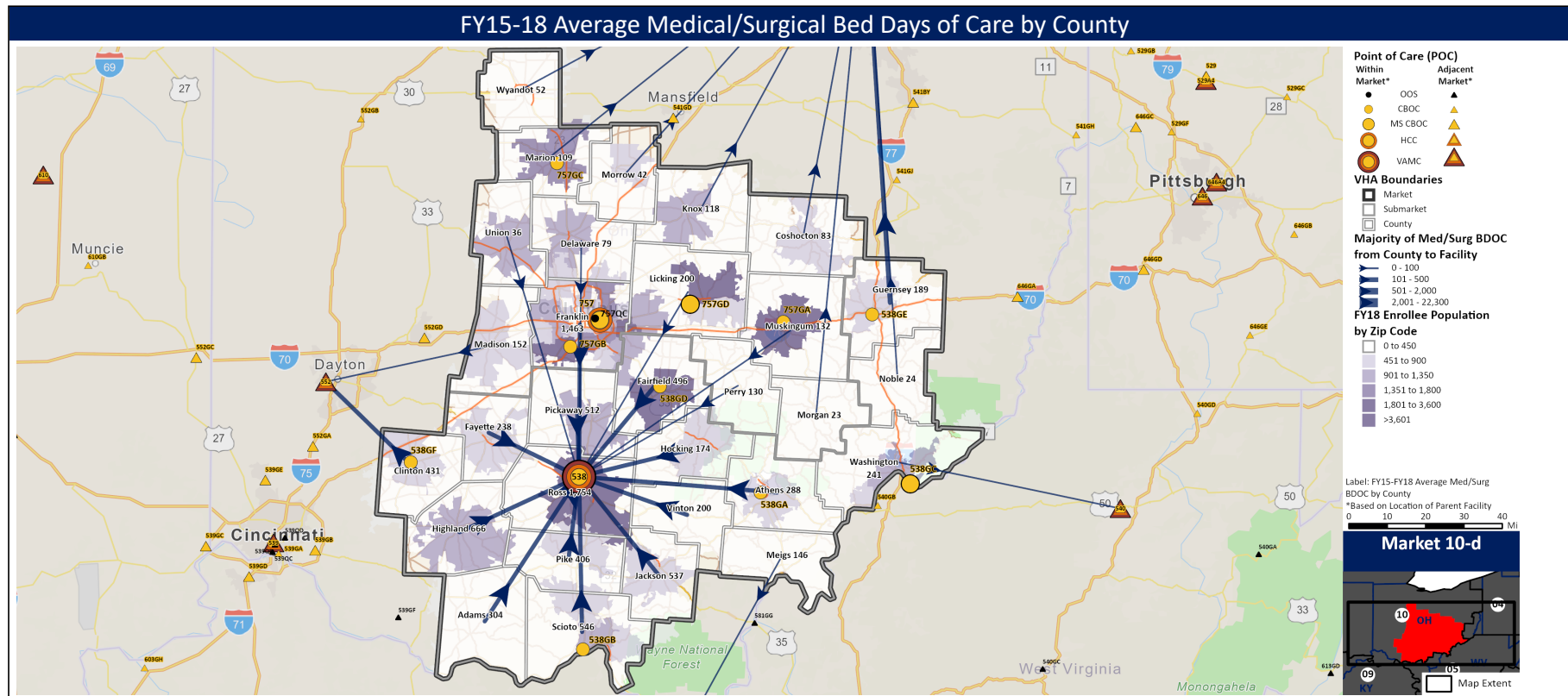
**Market: Within a 60 minute drive time of the VAMC

Source: 1. Beds reported by the field in GFI submission 2. VSSC Beds Using PTF Cube 3. MCAO Discharge Cube 4. CMI (acute inpatient care) based on Medicare only population from 2018 CMS Cost Reports



VISN 10: Central Ohio Market

Demand ► Medical/Surgical Bed Days of Care (BDOC) – FY15-18



Source: 1. VSSC Treating Specialty Cube 2. Geocoded Enrollee File FY18Q4

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VISN 10: Central Ohio Market

Demand ► Medical/Surgical BDOC — FY15-18, cont.

County	FY18 BDOC	FY18 ADC	% ADC	FY15-18 AVG BDOC	Majority Receiving Facility	% BDOC
Adams, OH	274	0.8	22.5%	304	(V10) (538) Chillicothe-Ohio	61.7%
Athens, OH	204	0.6	17.7%	288	(V10) (538) Chillicothe-Ohio	79.4%
Clinton, OH	336	0.9	19.5%	431	(V10) (552) Dayton	50.9%
Coshocton, OH	38	0.1	11.4%	83	(V10) (541) Cleveland-Ohio	89.5%
Delaware, OH	69	0.2	21.8%	79	(V10) (538) Chillicothe-Ohio	33.3%
Fairfield, OH	447	1.2	22.5%	496	(V10) (538) Chillicothe-Ohio	63.5%
Fayette, OH	249	0.7	26.1%	238	(V10) (538) Chillicothe-Ohio	71.1%
Franklin, OH	1,016	2.8	17.4%	1,463	(V10) (538) Chillicothe-Ohio	33.7%
Guernsey, OH	135	0.4	17.8%	189	(V10) (541) Cleveland-Ohio	74.1%
Highland, OH	750	2.1	28.1%	666	(V10) (538) Chillicothe-Ohio	56.5%
Hocking, OH	209	0.6	30.0%	174	(V10) (538) Chillicothe-Ohio	75.6%
Jackson, OH	561	1.5	26.1%	537	(V10) (538) Chillicothe-Ohio	86.8%
Knox, OH	92	0.3	19.5%	118	(V10) (541) Cleveland-Ohio	72.8%
Licking, OH	120	0.3	15.0%	200	(V10) (538) Chillicothe-Ohio	35.8%
Madison, OH	76	0.2	12.5%	153	(V10) (552) Dayton	43.4%
Marion, OH	38	0.1	8.7%	109	(V10) (541) Cleveland-Ohio	52.6%
Meigs, OH	154	0.4	26.4%	146	(V05) (581) Huntington-West Virginia	32.5%
Morgan, OH	31	0.1	34.1%	23	(V10) (541) Cleveland-Ohio	83.9%



VISN 10: Central Ohio Market

Demand ► Medical/Surgical BDOC — FY15-18, cont.

County	FY18 BDOC	FY18 ADC	% ADC	FY15-18 AVG BDOC	Majority Receiving Facility	% BDOC
Morrow, OH	56	0.2	33.3%	42	(V10) (541) Cleveland-Ohio	66.1%
Muskingum, OH	80	0.2	15.2%	132	(V10) (538) Chillicothe-Ohio	63.8%
Noble, OH	24	0.1	25.3%	24	(V10) (541) Cleveland-Ohio	79.2%
Perry, OH	69	0.2	13.3%	130	(V10) (538) Chillicothe-Ohio	63.8%
Pickaway, OH	415	1.1	20.3%	512	(V10) (538) Chillicothe-Ohio	88.9%
Pike, OH	343	0.9	21.1%	406	(V10) (538) Chillicothe-Ohio	78.7%
Ross, OH	1,739	4.8	24.8%	1,754	(V10) (538) Chillicothe-Ohio	82.9%
Scioto, OH	450	1.2	20.6%	546	(V10) (538) Chillicothe-Ohio	54.7%
Union, OH	20	0.1	13.7%	37	(V10) (538) Chillicothe-Ohio	30.0%
Vinton, OH	190	0.5	23.7%	201	(V10) (538) Chillicothe-Ohio	89.5%
Washington, OH	174	0.5	18.1%	241	(V05) (540) Clarksburg-West Virginia	40.2%
Wyandot, OH	46	0.1	22.3%	52	(V10) (541) Cleveland-Ohio	65.2%
Total	8,405	23.0	N/A	9,770		N/A



VISN 10: Central Ohio Market

Demand ► Top DRGs for Medicine in FY18

	DRG	In Market BDOC	In Market BDOC % of Total	In and Out of Market BDOC	In and Out of Market % of Total BDOC
(V10) (538) Chillicothe-Ohio	O (190) Chronic Obstructive Pulmonary Disease W Mcc	511	11.8%	524	11.0%
	O (603) Cellulitis W/o Mcc	245	5.6%	271	5.7%
	O (392) Esophagitis, Gastroent & Misc Digest Disorders W/o Mcc	130	3.0%	149	3.1%
	O (641) Nutritional & Misc Metabolic Disorders W/o Mcc	122	2.8%	146	3.1%
	O (191) Chronic Obstructive Pulmonary Disease W Cc	129	3.0%	145	3.0%
	N (313) Chest pain	118	2.7%	144	3.0%
	O (291) Heart Failure & Shock W Mcc	139	3.2%	143	3.0%
	O (194) Simple Pneumonia & Pleurisy W Cc	141	3.2%	141	3.0%
	O (57) Degenerative Nervous System Disorders W/o Mcc	93	2.1%	141	3.0%
	O (292) Heart Failure & Shock W Cc	123	2.8%	127	2.7%
	Other	2594	59.7%	2827	59.4%
	Total	4345	100.0%	4758	100.0%
(V10) (538BU) VADOM Chillicothe	N (313) Chest pain	1	100.0%	1	100.0%
	Total	1	100.0%	1	100.0%



VISN 10: Central Ohio Market

Demand ► Top Medicine DRGs in the Community and Outside of the Market

	DRG	FY18 BDOC	% of Total BDOC
VA Care Outside of the Market	(291) HEART FAILURE & SHOCK W MCC	105	5.0%
	(287) CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	99	4.7%
	(392) ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	91	4.3%
	(603) CELLULITIS W/O MCC	85	4.0%
	(871) SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	61	2.9%
	(303) ATHEROSCLEROSIS W/O MCC	50	2.4%
	(292) HEART FAILURE & SHOCK W CC	47	2.2%
	(309) CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W CC	44	2.1%
	(840) LYMPHOMA & NON-ACUTE LEUKEMIA W MCC	44	2.1%
	(208) RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT <=96 HOURS	41	1.9%
	Other	1,452	68.5%
	Total	2,119	100.0%
Care in the Community	(871) SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	789	11.4%
	(291) HEART FAILURE & SHOCK W MCC	454	6.5%
	(378) G.I. HEMORRHAGE W CC	184	2.7%
	(189) PULMONARY EDEMA & RESPIRATORY FAILURE	179	2.6%
	(190) CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	165	2.4%
	(193) SIMPLE PNEUMONIA & PLEURISY W MCC	162	2.3%
	(683) RENAL FAILURE W CC	158	2.3%
	(872) SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	136	2.0%
	(177) RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	133	1.9%
	(287) CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	119	1.7%
	Other	4,453	64.2%
	Total	6,932	100.0%

Note: Enrollees enrolled in a market and received care at a facility outside of their market

Source: 1. VSSC Treating Specialty Cube 2. VHA Office of Community Care

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VISN 10: Central Ohio Market

Demand ► Top DRGs for Surgery in FY18

	DRG	In Market BDOC	In Market BDOC % of Total	In and Out of Market BDOC	In and Out of Market % of Total BDOC
(V10) (538) Chillicothe-Ohio	O (166) Other Resp System O.r. Procedures W Mcc			3	50.0%
	O (570) Skin Debridement W Mcc	3	100.0%	3	50.0%
	Total	3	100.0%	6	100.0%



VISN 10: Central Ohio Market

Demand ► Top Surgery DRGs in the Community and Outside of the Market

	DRG	FY18 BDOC	% of Total BDOC
VA Care Outside of the Market	(219) CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W MCC	62	6.0%
	(470) MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	60	5.8%
	(264) OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	47	4.6%
	(330) MAJOR SMALL & LARGE BOWEL PROCEDURES W CC	45	4.4%
	(235) CORONARY BYPASS W/O CARDIAC CATH W MCC	41	4.0%
	(3) ECMO OR TRACH W MV >96 HRS OR PDX EXC FACE, MOUTH & NECK W MAJ O.R.	38	3.7%
	(617) AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W CC	34	3.3%
	(477) BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	32	3.1%
	(981) EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	29	2.8%
	(853) INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	26	2.5%
	Other	612	59.6%
	Total	1,026	100.0%
Care in the Community	(1) HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W MCC	1,211	19.3%
	(853) INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	318	5.1%
	(166) OTHER RESP SYSTEM O.R. PROCEDURES W MCC	213	3.4%
	(247) PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	165	2.6%
	(470) MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	159	2.5%
	(246) PERC CARDIOVASC PROC W DRUG-ELUTING STENT W MCC OR 4+ VESSELS/STENTS	150	2.4%
	(329) MAJOR SMALL & LARGE BOWEL PROCEDURES W MCC	146	2.3%
	(460) SPINAL FUSION EXCEPT CERVICAL W/O MCC	128	2.0%
	(3) ECMO OR TRACH W MV >96 HRS OR PDX EXC FACE, MOUTH & NECK W MAJ O.R.	118	1.9%
	(617) AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W CC	113	1.8%
	Other	3,553	56.6%
	Total	6,274	100.0%

Note: Enrollees enrolled in a market and received care at a facility outside of their market

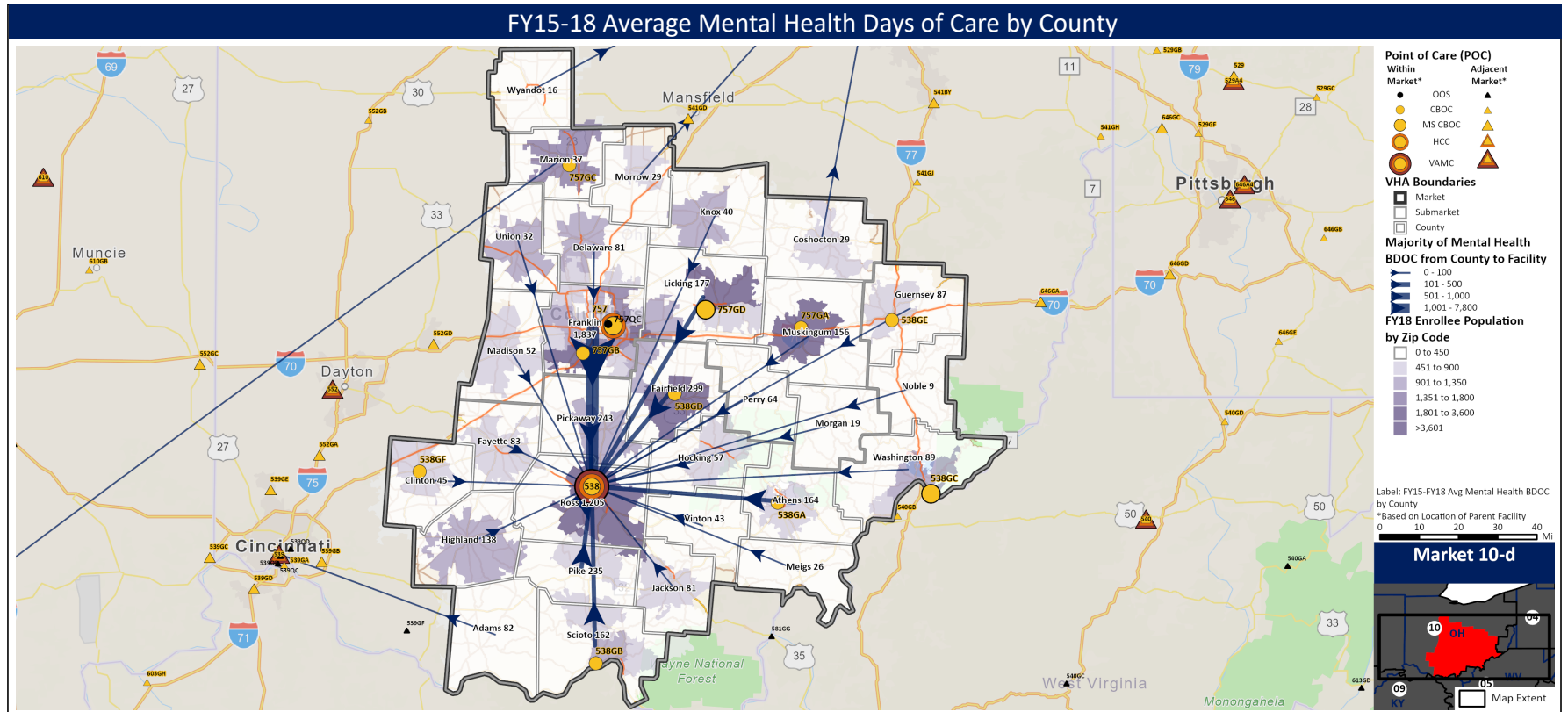
Source: 1. VSSC Treating Specialty Cube 2. VHA Office of Community Care

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VISN 10: Central Ohio Market

Demand ► Mental Health BDOC – FY15-18



Source: 1. VSSC Treating Specialty Cube 2. Geocoded Enrollee File FY18Q4

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VISN 10: Central Ohio Market

Demand ► **Mental Health BDOC – FY15-18, cont.**

County	FY18 BDOC	FY15-18 AVG BDOC	Majority Receiving Facility	% BDOC
Adams, OH	19	82	(V10) (539) Cincinnati-Ohio	47.4%
Athens, OH	132	164	(V10) (538) Chillicothe-Ohio	83.3%
Clinton, OH	70	46	(V10) (538) Chillicothe-Ohio	42.9%
Coshocton, OH	24	30	(V10) (541) Cleveland-Ohio	45.8%
Delaware, OH	114	82	(V10) (538) Chillicothe-Ohio	87.7%
Fairfield, OH	355	300	(V10) (538) Chillicothe-Ohio	84.8%
Fayette, OH	54	83	(V10) (538) Chillicothe-Ohio	53.7%
Franklin, OH	1,692	1,838	(V10) (538) Chillicothe-Ohio	85.8%
Guernsey, OH	3	88	(V10) (538) Chillicothe-Ohio	100.0%
Highland, OH	178	139	(V10) (538) Chillicothe-Ohio	58.4%
Hocking, OH	56	58	(V10) (538) Chillicothe-Ohio	100.0%
Jackson, OH	57	81	(V10) (538) Chillicothe-Ohio	82.5%
Knox, OH	52	40	(V10) (538) Chillicothe-Ohio	76.9%
Licking, OH	179	178	(V10) (538) Chillicothe-Ohio	100.0%
Madison, OH	40	53	(V10) (538) Chillicothe-Ohio	67.5%
Marion, OH	59	37	(V17) (674) Temple-Texas	84.7%
Meigs, OH	34	26	(V10) (538) Chillicothe-Ohio	100.0%
Morgan, OH	7	19	(V10) (538) Chillicothe-Ohio	100.0%
Morrow, OH	47	30	(V10) (541) Cleveland-Ohio	46.8%
Muskingum, OH	101	156	(V10) (538) Chillicothe-Ohio	54.5%



VISN 10: Central Ohio Market

Demand ► Mental Health BDOC – FY15-18, cont.

County	FY18 BDOC	FY15-18 AVG BDOC	Majority Receiving Facility	% BDOC
Noble, OH	6	9	(V10) (538) Chillicothe-Ohio	100.0%
Perry, OH	38	65	(V10) (538) Chillicothe-Ohio	73.7%
Pickaway, OH	184	244	(V10) (538) Chillicothe-Ohio	77.2%
Pike, OH	109	235	(V10) (538) Chillicothe-Ohio	98.2%
Ross, OH	1,367	1,205	(V10) (538) Chillicothe-Ohio	82.2%
Scioto, OH	169	162	(V10) (538) Chillicothe-Ohio	80.5%
Union, OH	22	33	(V10) (538) Chillicothe-Ohio	100.0%
Vinton, OH	45	43	(V10) (538) Chillicothe-Ohio	100.0%
Washington, OH	65	89	(V10) (538) Chillicothe-Ohio	66.2%
Wyandot, OH	15	16	(V10) (541) Cleveland-Ohio	53.3%
Total	5,293	5,627		



VISN 10: Central Ohio Market

Demand ► Top DRGs for Mental Health in FY18

	DRG	In Market BDOC	In Market BDOC % of Total	In and Out of Market BDOC	In and Out of Market % of Total BDOC
(V10) (538) Chillicothe-Ohio	N (885) Psychoses	2359	74.3%	3259	73.2%
	N (881) Depressive neuroses	333	10.5%	473	10.6%
	N (882) Neuroses except depressive	190	6.0%	264	5.9%
	O (884) Organic Disturbances & Mental Retardation	128	4.0%	204	4.6%
	O (883) Disorders Of Personality & Impulse Control	87	2.7%	130	2.9%
	O (880) Acute Adjustment Reaction & Psychosocial Dysfunction	71	2.2%	120	2.7%
	N (887) Other mental disorder diagnoses	4	0.1%	4	0.1%
	O (886) Behavioral & Developmental Disorders	1	0.0%	1	0.0%
	Total	3173	100.0%	4455	100.0%
(V10) (538BU) VADOM Chillicothe	N (885) Psychoses	67	93.1%	67	82.7%
	N (881) Depressive neuroses	5	6.9%	9	11.1%
	O (880) Acute Adjustment Reaction & Psychosocial Dysfunction			5	6.2%
	Total	72	100.0%	81	100.0%



VISN 10: Central Ohio Market

Demand ► Top Mental Health DRGs in the Community and Outside of the Market

	DRG	FY18 BDOC	% of Total BDOC
VA Care Outside of the Market	(885) PSYCHOSES	508	63.8%
	(882) NEUROSES EXCEPT DEPRESSIVE	152	19.1%
	(881) DEPRESSIVE NEUROSES	56	7.0%
	(880) ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	48	6.0%
	(884) ORGANIC DISTURBANCES & INTELLECTUAL DISABILITY	23	2.9%
	(883) DISORDERS OF PERSONALITY & IMPULSE CONTROL	9	1.1%
	Total	796	100.0%
Care in the Community	(885) PSYCHOSES	112	64.0%
	(881) DEPRESSIVE NEUROSES	38	21.7%
	(884) ORGANIC DISTURBANCES & INTELLECTUAL DISABILITY	14	8.0%
	(882) NEUROSES EXCEPT DEPRESSIVE	6	3.4%
	(880) ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	5	2.9%
	Total	175	100.0%

*Enrollees enrolled in a market and received care at a facility outside of their market

Source: 1. VSSC Treating Specialty Cube 2. VHA Office of Community Care

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VISN 10: Central Ohio Market – Chillicothe-Ohio

Demand ► Community Care (Inpatient)

FY16-18 Medicine NVCC (ADC)			
Vendor	FY16	FY17	FY18
ADENA HLTH SYS	N/A	N/A	1.5
ADENA HEALTH SYSTEM	2.1	2.0	3.3
OHIOHEALTH CORPORATION	0.0	0.5	0.5
All Other Vendors	5.6	2.3	1.9
Community Total (ADC)	7.7	4.8	7.2

FY16-18 Surgery NVCC (ADC)			
Vendor	FY16	FY17	FY18
ADENA HEALTH SYSTEM	1.1	0.7	1.1
OHIO STATE UNIV	1.1	0.3	0.6
ADENA HLTH SYS	N/A	N/A	0.7
All Other Vendors	3.7	2.4	2.9
Community Total (ADC)	5.8	3.3	5.3

FY16-18 Psych NVCC (ADC)			
Vendor	FY16	FY17	FY18
OHIO STATE UNIV	N/A	N/A	0.0
ADENA HEALTH SYSTEM	0.0	0.0	0.0
ADENA HLTH SYSTEM	0.0	0.0	N/A
HOLZER MEDICAL CENTER	0.0	N/A	N/A
All Other Vendors	N/A	0.0	N/A
Community Total (ADC)	0.0	0.0	0.0



VISN 10: Central Ohio Market – Columbus-Ohio

Demand ► Community Care (Inpatient)

FY16-18 Medicine NVCC (ADC)			
Vendor	FY16	FY17	FY18
OHIO STATE UNIV	1.2	1.2	2.1
OHIOHEALTH CORPORATION	N/A	N/A	1.5
RIVERSIDE METH HOSP	0.9	1.8	1.4
OHIOHEALTH CORPORATION	N/A	0.2	0.6
GENESIS HEALTHCARE SYSTEM	0.6	0.7	0.6
OHIOHEALTH CORP	0.1	0.5	0.5
MOUNT CARMEL HLTH SYSTEM	2.9	2.9	4.6
All Other Vendors	3.0	2.2	1.3
Community Total (ADC)	8.8	9.5	12.6

FY16-18 Surgery NVCC (ADC)			
Vendor	FY16	FY17	FY18
GRANT MED	0.9	0.7	0.7
ARTHUR G JAMES CANCER HOSP	0.1	0.7	0.8
GENESIS HEALTHCARE SYSTEM	0.1	0.4	0.8
MOUNT CARMEL HLTH SYSTEM	1.4	1.5	2.8
OHIOHEALTH CORPORATION	N/A	N/A	2.1
RIVERSIDE METH HOSP	0.6	1.3	1.3
OHIO STATE UNIV	1.1	0.7	1.2
All Other Vendors	1.4	1.7	2.4
Community Total (ADC)	5.5	7.0	12.0

FY16-18 Psych NVCC (ADC)			
Vendor	FY16	FY17	FY18
MARION GENERAL HOSPITAL	N/A	0.1	0.0
GRANT MED	N/A	N/A	0.0
OHIO STATE UNIV	0.0	0.0	0.0
OHIOHEALTH CORPORATION	N/A	N/A	0.0
MOUNT CARMEL HLTH SYSTEM	N/A	0.0	0.1
GENESIS HEALTHCARE SYSTEM	0.0	0.1	0.1
All Other Vendors	N/A	0.2	N/A
Community Total (ADC)	0.0	0.3	0.3



VISN 10: Central Ohio Market

Demand ► NVCC FY16-18 – Inpatient BDOC

Sector/ County Name			Medicine			Surgery			Mental Health		
Sector	County Name	2017 Enrollees	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
10-d-1-B	Athens, OH	1,912	180	116	90	94	97	170	N/A	N/A	N/A
10-d-1-B	Fairfield, OH	4,681	183	127	322	161	199	318	N/A	N/A	N/A
10-d-1-B	Guernsey, OH	1,656	99	38	97	36	78	98	N/A	15	8
10-d-1-B	Hocking, OH	1,032	88	36	131	147	88	81	N/A	N/A	N/A
10-d-1-B	Jackson, OH	1,271	334	141	233	125	93	157	1	7	N/A
10-d-1-B	Meigs, OH	815	85	36	38	47	61	69	N/A	N/A	N/A
10-d-1-B	Noble, OH	328	5	5	23	11	N/A	28	N/A	N/A	5
10-d-1-B	Pickaway, OH	1,846	165	178	221	149	94	68	10	9	N/A
10-d-1-B	Vinton, OH	485	97	42	63	76	31	71	N/A	N/A	N/A
10-d-1-B	Washington, OH	2,456	85	53	125	95	22	53	N/A	2	N/A
	Sector Subtotal	16,482	1,321	772	1,343	941	763	1,113	11	33	13
10-d-1-D	Adams, OH	1,094	34	42	42	376	63	136	N/A	N/A	N/A
10-d-1-D	Clinton, OH	1,442	45	56	46	143	21	79	N/A	N/A	N/A
10-d-1-D	Fayette, OH	834	122	45	70	52	131	114	N/A	N/A	2
10-d-1-D	Highland, OH	1,485	165	150	175	113	119	139	6	N/A	N/A
10-d-1-D	Pike, OH	1,023	129	151	200	186	176	60	4	4	N/A
10-d-1-D	Ross, OH	3,497	684	673	785	407	240	580	10	38	N/A
10-d-1-D	Scioto, OH	2,762	297	173	303	165	149	252	2	N/A	5
	Sector Subtotal	12,137	1,476	1,290	1,621	1,442	899	1,360	22	42	7
10-d-2-A	Franklin, OH	28,596	1,868	1,905	2,669	1,268	1,346	2,157	12	101	113
	Sector Subtotal	28,596	1,868	1,905	2,669	1,268	1,346	2,157	12	101	113
10-d-2-C	Coshocton, OH	1,232	81	34	64	44	19	49	N/A	N/A	N/A
10-d-2-C	Delaware, OH	3,105	115	144	247	85	136	166	N/A	N/A	N/A
10-d-2-C	Knox, OH	1,783	44	68	75	60	83	59	N/A	N/A	N/A
10-d-2-C	Licking, OH	5,506	379	359	326	216	153	500	3	3	14
10-d-2-C	Madison, OH	1,143	56	85	101	11	74	140	N/A	2	14



VISN 10: Central Ohio Market

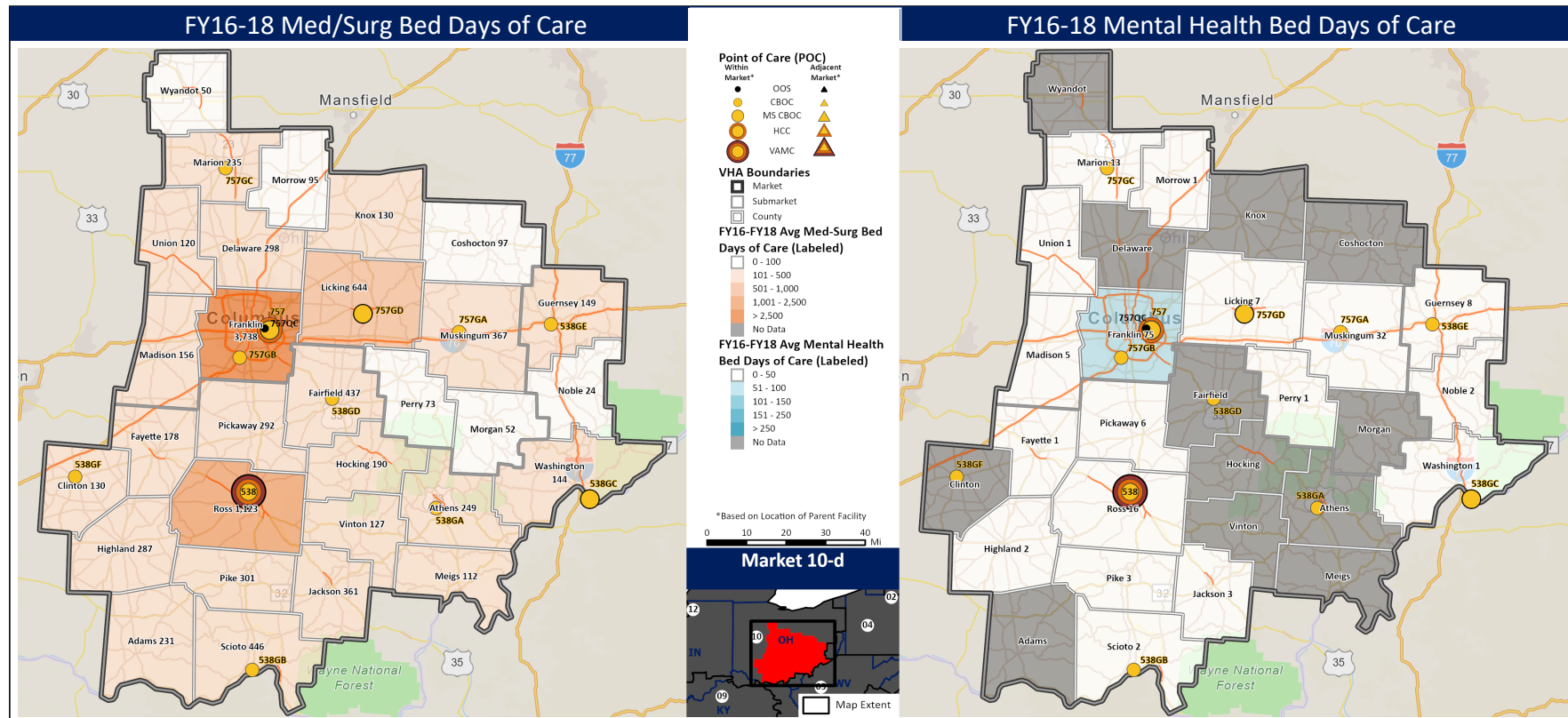
Demand ► NVCC FY16-18 – Inpatient BDOC, cont.

Sector/ County Name			Medicine			Surgery			Mental Health		
Sector	County Name	2017 Enrollees	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
10-d-2-C	Marion, OH	1,922	124	112	126	87	111	146	N/A	27	11
10-d-2-C	Morgan, OH	517	17	12	23	11	39	54	N/A	N/A	N/A
10-d-2-C	Morrow, OH	949	43	31	27	67	29	88	4	N/A	N/A
10-d-2-C	Muskingum, OH	3,100	164	228	196	76	208	228	N/A	93	3
10-d-2-C	Perry, OH	1,298	20	24	38	6	12	119	N/A	2	N/A
10-d-2-C	Union, OH	1,069	53	51	45	66	73	73	N/A	3	N/A
10-d-2-C	Wyandot, OH	627	11	67	31	6	14	22	N/A	N/A	N/A
	Sector Subtotal	22,251	1,107	1,215	1,299	735	951	1,644	7	130	42
	Market Total	79,466	5,772	5,182	6,932	4,386	3,959	6,274	52	306	175



VISN 10: Central Ohio Market

Demand ► NVCC FY16-18 – Inpatient Utilization Patterns



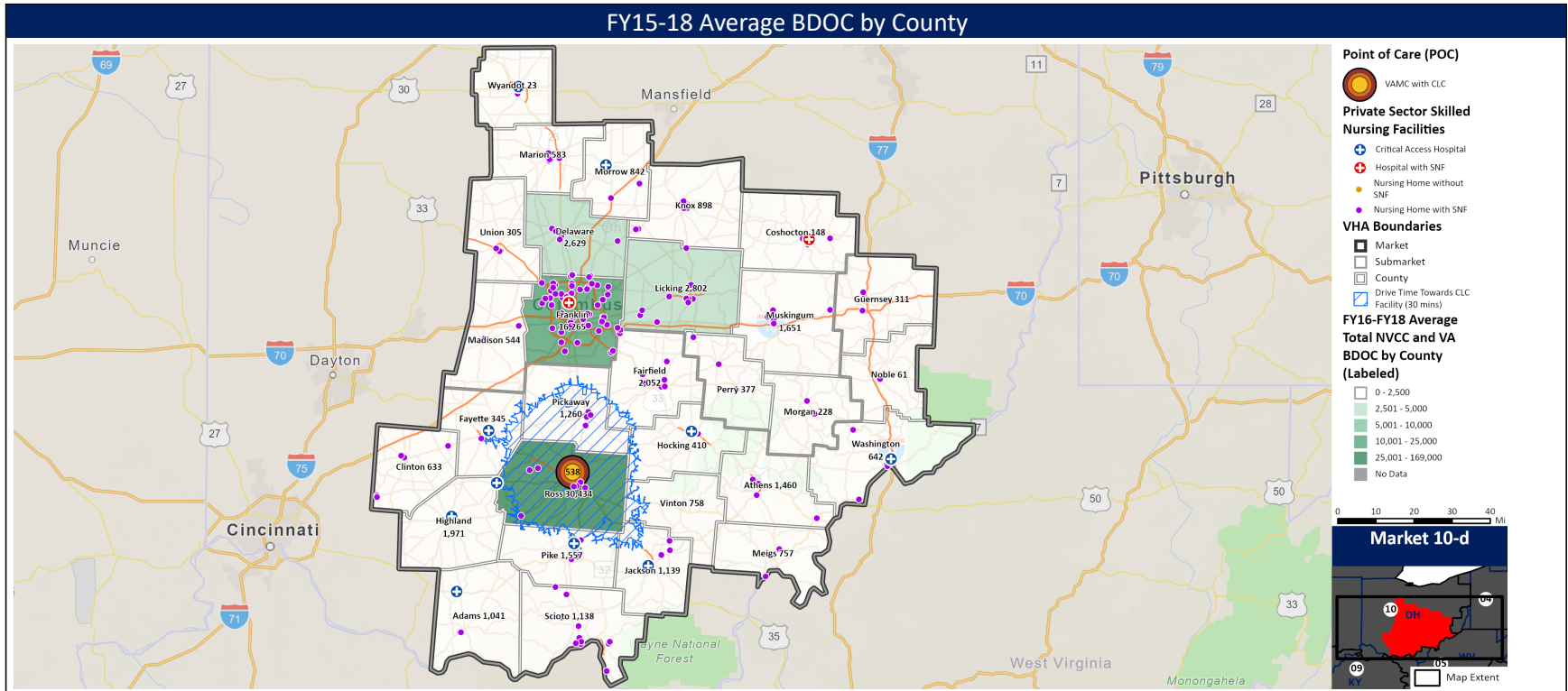
Source: VHA Office of Community Care

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VISN 10: Central Ohio Market

Demand ► Nursing Home BDOC Distribution



Note: Data is only for fee basis and does not encompass all Community Care

Source: 1. VSSC Treating Specialty Cube 2. VSSC NVCC Cube 3. Definitive HC

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VISN 10: Central Ohio Market

Demand ► Nursing Home BDOC Distribution, cont.

County	FY18 Non-VA Community Care*	FY18 VA	FY18 Total BDOC
Adams, OH	505	637	1,142
Athens, OH	152	1,014	1,166
Clinton, OH	408	463	871
Coshocton, OH	54		54
Delaware, OH	2,667	762	3,429
Fairfield, OH	568	1,880	2,448
Fayette, OH		113	113
Franklin, OH	15,132	3,860	18,992
Guernsey, OH		16	16
Highland, OH	237	1,914	2,151
Hocking, OH	12	590	602
Jackson, OH	33	1,530	1,563
Knox, OH	322	594	916
Licking, OH	2,345	592	2,937
Madison, OH	218	602	820
Marion, OH	369		369
Meigs, OH	349	479	828
Morgan, OH		35	35
Morrow, OH	493	410	903
Muskingum, OH	1,169	121	1,290

*Data is only for fee basis and does not encompass all Community Care

Source: 1. VSSC Treating Specialty Cube 2. VSSC NVCC Cube 3. Definitive HC

4.7.V10.CentralOhio



VISN 10: Central Ohio Market

Demand ► Nursing Home BDOC Distribution, cont.

County	FY18 Non-VA Community Care*	FY18 VA	FY18 Total BDOC
Noble, OH	42	2	44
Perry, OH	322	101	423
Pickaway, OH	231	1,244	1,475
Pike, OH	3	1,665	1,668
Ross, OH	131	33,556	33,687
Scioto, OH	339	1,411	1,750
Union, OH	353		353
Vinton, OH		400	400
Washington, OH	727	121	848
Wyandot, OH			0
Total	27,181	54,111	81,292

*Data is only for fee basis and does not encompass all Community Care

Source: 1. VSSC Treating Specialty Cube 2. VSSC NVCC Cube 3. Definitive HC

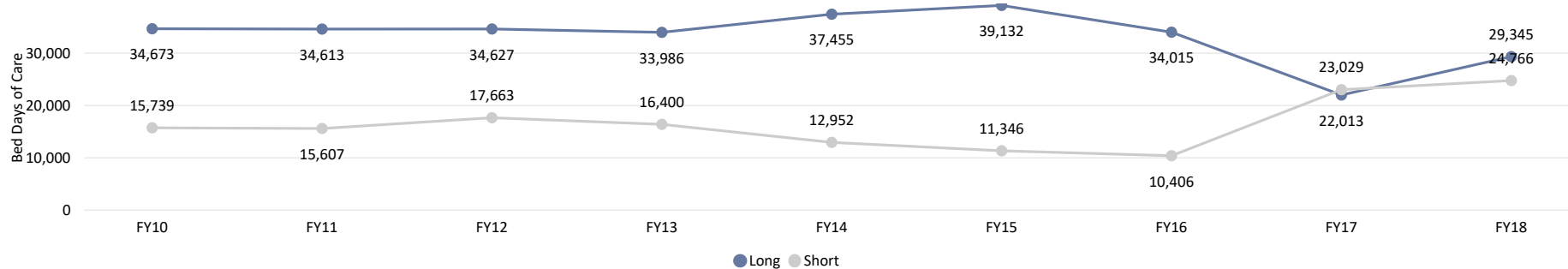
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VISN 10: Central Ohio Market

Demand ► In-House LTSS Short Stays vs. Long Stays BDOC

FY10-18 Long Stay BDOC vs. Short Stay BDOC



FY10-18 Long Stay BDOC vs. Short Stay BDOC

Stay	Age	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	% Change
Long	< 40	0	245	20	365	365	365	0	0	0	0.0%
	40-54	3,513	2,754	2,387	2,564	2,469	1,330	833	340	341	-90.3%
	55-64	11,081	10,511	9,338	8,063	7,707	7,620	5,933	3,856	5,307	-52.1%
	65-79	9,239	10,867	12,825	14,238	16,708	17,179	17,138	12,948	19,011	105.8%
	80+	10,784	10,237	10,049	8,744	10,206	12,638	10,111	4,869	4,686	-56.5%
Total Long		34,673	34,613	34,627	33,986	37,455	39,132	34,015	22,013	29,345	-15.4%
Short	< 40	134	158	42	68	69	39	42	31	8	-94.0%
	40-54	2,351	1,974	2,010	2,102	1,486	499	364	747	525	-77.7%
	55-64	5,864	5,185	5,751	4,406	3,829	3,592	2,030	4,445	5,547	-5.4%
	65-79	4,188	4,144	6,211	5,985	4,290	5,537	5,308	9,969	11,867	183.3%
	80+	3,104	3,930	3,554	3,800	3,216	1,679	2,625	7,609	6,773	118.2%
Total Short		15,739	15,607	17,663	16,400	12,952	11,346	10,406	23,029	24,766	57.4%



VISN 10: Central Ohio Market

Demand ► Community Nursing Home vs. In-House BDOC

VA (In-House)				
Facility	Operating Beds Reported in the PTF Cube	Operating Beds Reported by the Field	FY18 ADC	NVCC, FY18 ADC**
(V10) (538) Chillicothe-Ohio	162	162	154.1	6.1
(V10) (757) Columbus-Ohio	N/A	N/A	N/A	62.1
Total	162	162	154.1	68.2

Community Statistics***				
Facility	Operating Beds	FY18 ADC	Occupancy	Potential Available Beds*
(V10) (538) Chillicothe-Ohio	1,043	875.0	83.8%	116
(V10) (757) Columbus-Ohio	20,316	16,731.0	83.0%	2,569

*Potential Available Beds is defined as Operating Beds less ADC based on a 95% occupancy

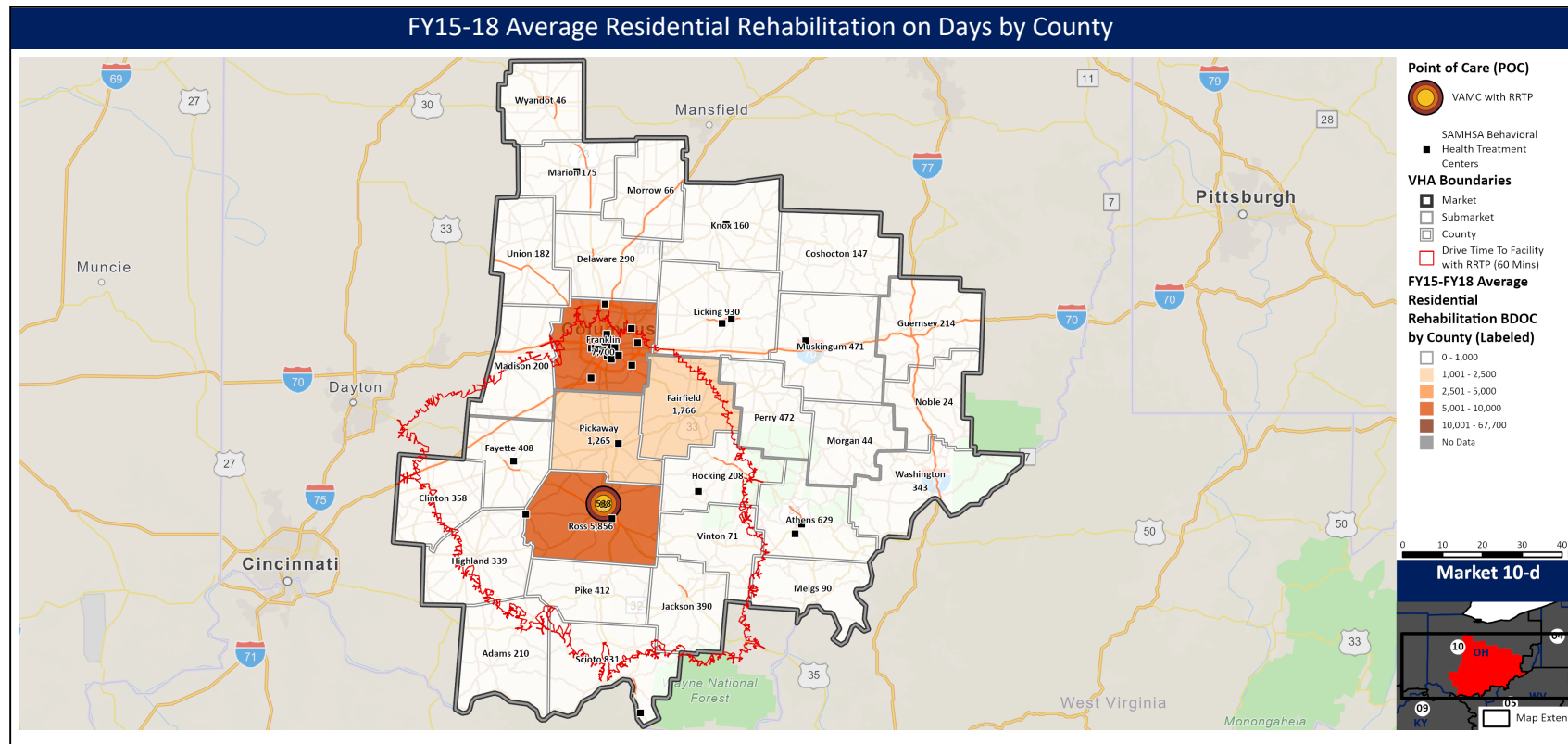
**Data is only for fee basis and does not encompass all Community Care

***SNFs within a 30 minute drive time of facility. Does not include SNFs in which the ADC overly exceeded operating beds (>30%) as it indicates a coding issue



VISN 10: Central Ohio Market

Demand ► Residential Rehab BDOC



Source: VSSC Treating Specialty Cube; Substance Abuse and Mental Health Services Administration (SAMHSA) (2018)

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VISN 10: Central Ohio Market

Demand ► Residential Rehab BDOC, cont.

Care Received in a VAMC/VA Facility (not limited to VA Facilities in the market)				
Top 10 Market Counties	FY15 BDOC	FY16 BDOC	FY17 BDOC	FY18 BDOC
Franklin, OH	7,820	8,215	6,786	7,978
Ross, OH	6,274	6,231	5,745	5,173
Fairfield, OH	1,679	1,267	2,559	1,560
Licking, OH	879	811	687	1,341
Pickaway, OH	2,055	658	1,086	1,262
Muskingum, OH	357	381	525	621
Scioto, OH	1,039	676	1,003	605
Perry, OH	317	505	475	589
Athens, OH	765	731	488	533
Jackson, OH	280	301	504	476



VISN 10: Central Ohio Market – Columbus-Ohio

Demand ► Surgical Cases FY15-18 – Columbus-Ohio

Facility	Setting	Specialty	FY15	FY16	FY17	FY18	FY15-18 % Chg
(V10) (757) Columbus-Ohio	Outpatient	ANESTHESIOLOGY	42	36	86	15	-64.3%
		CARDIAC SURGERY	12	26	17	17	41.7%
		EAR, NOSE, THROAT (ENT)	42	21	24	35	-16.7%
		GENERAL SURGERY	646	589	500	498	-22.9%
		OB/GYN	17	25	17	12	-29.4%
		OPHTHALMOLOGY	831	846	897	1,084	30.4%
		ORAL SURGERY	39	55	35	32	-17.9%
		ORTHOPEDICS	210	244	161	170	-19.0%
		PERIPHERAL VASCULAR	22	16	15	5	-77.3%
		PLASTIC SURGERY	313	282	340	586	87.2%
		PODIATRY	71	66	65	44	-38.0%
		THORACIC SURGERY	9	N/A	N/A	N/A	-100.0%
		UROLOGY	351	472	367	342	-2.6%
		Outpatient Total	2,605	2,678	2,524	2,840	9.0%
Facility Total	Total	2,605	2,678	2,524	2,840	9.0%	



Demand ► Estimated Future Market Demand — Inpatient

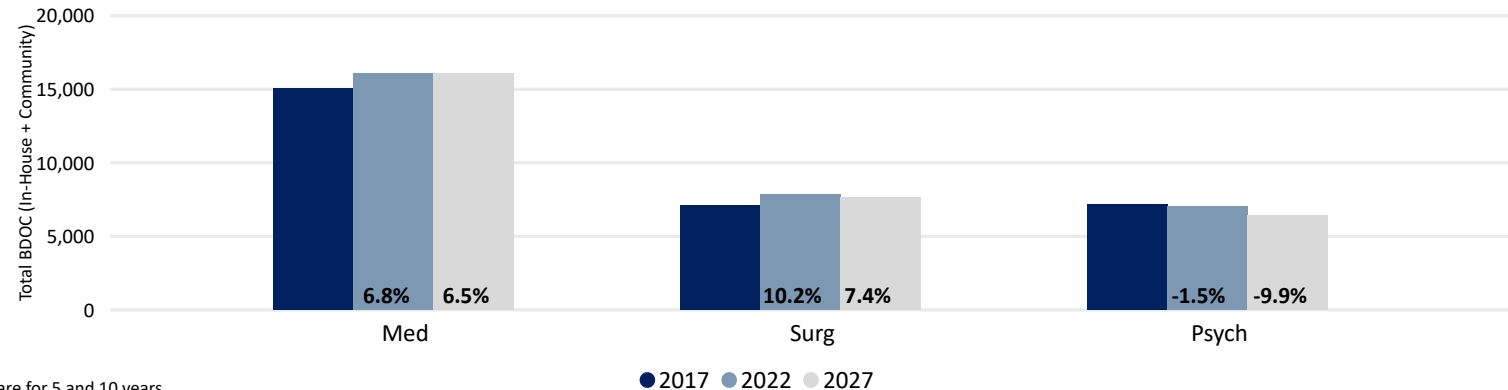


VISN 10: Central Ohio Market

Demand ► BY17 Market Utilization Projections (Acute Inpatient) — Central Ohio Market

BY17 VISN 10 Central Ohio Market Utilization Projections BDOC									
	FY17			FY22			FY27		
	Med	Surg	Psych	Med	Surg	Psych	Med	Surg	Psych
In-House BDOC	7,532	1,614	6,227	7,662	1,730	6,063	7,380	1,677	5,504
Community BDOC	7,555	5,489	931	8,447	6,098	991	8,683	5,951	943
Total BDOC	15,087	7,103	7,158	16,109	7,828	7,054	16,062	7,627	6,448
ADC By HSPG	41.0	19.5	20.0	44.0	21.4	19.0	44.0	20.9	18.0
Total ADC	80.4			84.9			82.6		
Total Bed Need*	95			100			97		

*Total Bed Need is based on a 85% occupancy rate



Note: Percent changes are for 5 and 10 years

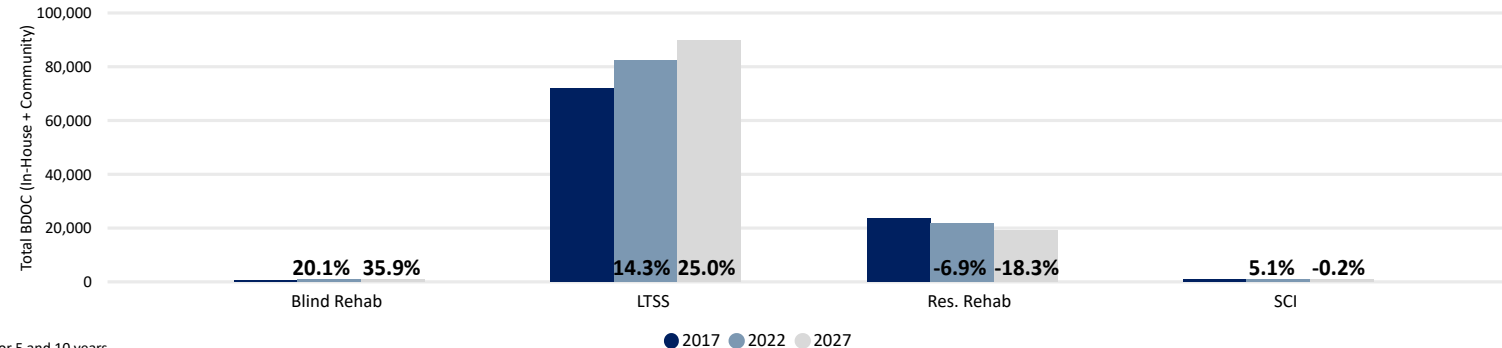


VISN 10: Central Ohio Market

Demand ► **BY17 Market Utilization Projections (Other Inpatient) — Central Ohio Market**

BY17 VISN 10 Central Ohio Market Utilization Projections BDOC												
	FY17				FY22				FY27			
	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI
ADC By HSPG	1.8	197.1	64.4	2.3	2.2	225.2	60.0	2.4	2.5	246.3	52.6	2.3
Total BDOC	666	71,943	23,515	831	800	82,196	21,902	873	905	89,909	19,206	829
Community BDOC	0	20,273	0	0	0	29,249	0	0	0	36,828	0	0
In-House BDOC	666	51,670	23,515	831	800	52,946	21,902	873	905	53,081	19,206	829
Total ADC	265.6				289.8				303.7			
Total Bed Need*	288				312				326			

*Total Bed Need is based on a 95% occupancy for LTSS and 85% occupancy for blind rehab, residential rehab, and SCI



Note: Percent changes are for 5 and 10 years

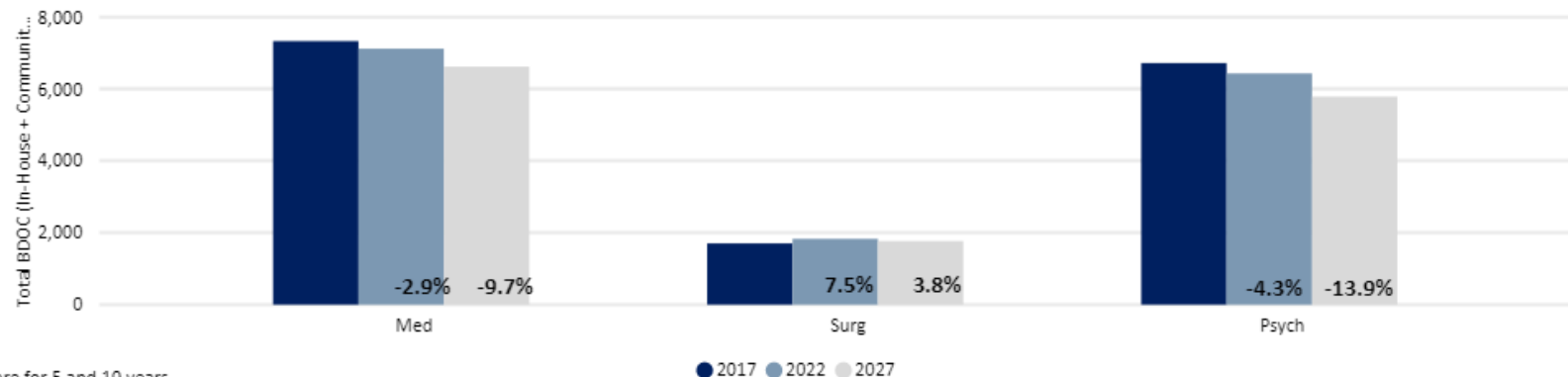


VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **BY17 Parent Facility Utilization Projections (Acute Inpatient) — Chillicothe-Ohio VAMC**

BY17 Chillicothe-Ohio VAMC Utilization Projections BDOC									
	FY17			FY22			FY27		
	Med	Surg	Psych	Med	Surg	Psych	Med	Surg	Psych
In-House BDOC	5,165	19	6,659	5,025	21	6,369	4,673	21	5,728
Community BDOC	2,162	1,684	57	2,092	1,809	59	1,944	1,747	56
Total BDOC	7,327	1,703	6,716	7,117	1,830	6,428	6,617	1,768	5,785
ADC By HSPG	20.1	4.7	18.4	19.5	5.0	17.6	18.1	4.8	15.8
Total ADC	43.1			42.1			38.8		
Total Bed Need*	51			50			46		

*Total bed need is based on an 85% occupancy rate



Note: Percent changes are for 5 and 10 years

Source: BY17 EHCPM Utilization Projections

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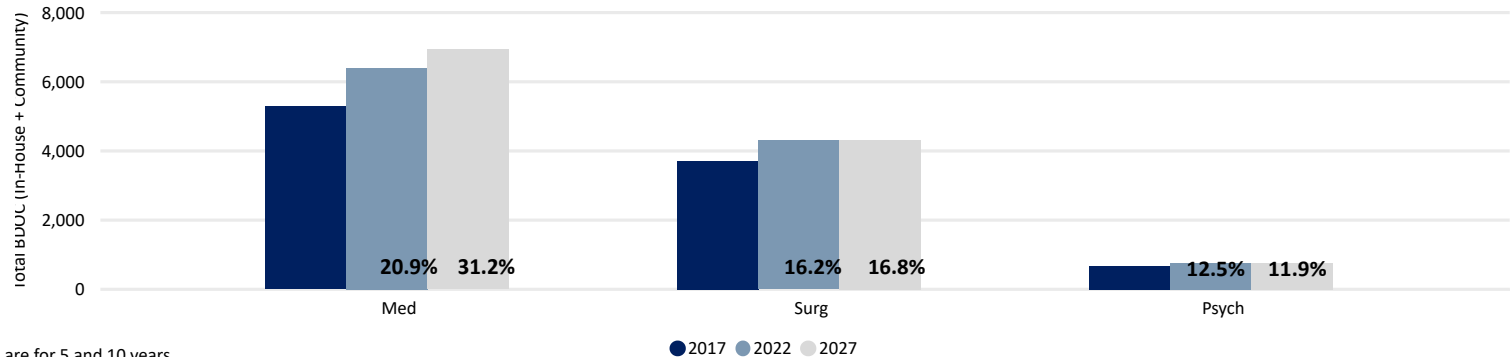


VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► BY17 Parent Facility Utilization Projections (Acute Inpatient) — Columbus-Ohio HCC

BY17 Columbus-Ohio HCC Utilization Projections BDOC									
	FY17			FY22			FY27		
	Med	Surg	Psych	Med	Surg	Psych	Med	Surg	Psych
In-House BDOC									
Community BDOC	5,287	3,701	680	6,390	4,300	765	6,938	4,323	761
Total BDOC	5,287	3,701	680	6,390	4,300	765	6,938	4,323	761
ADC By HSPG	14.5	10.1	1.9	17.5	11.8	2.1	19.0	11.8	2.1
Total ADC	26.5			31.4			32.9		
Total Bed Need*	31			37			39		

*Total bed need is based on an 85% occupancy rate



Note: Percent changes are for 5 and 10 years

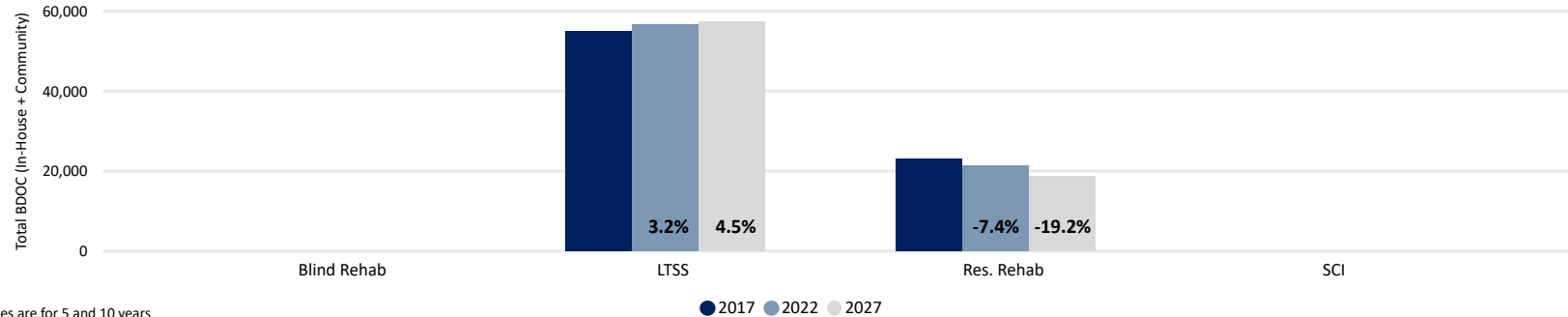


VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► **BY17 Parent Facility Utilization Projections (Other Inpatient) — Chillicothe-Ohio VAMC**

BY17 Chillicothe-Ohio VAMC Utilization Projections BDOC												
	FY17				FY22				FY27			
	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI
In-House BDOC	N/A	53,158	23,096	N/A	N/A	54,251	21,397	N/A	N/A	54,348	18,656	N/A
Community BDOC	N/A	1,704	N/A	N/A	N/A	2,382	N/A	N/A	N/A	3,000	N/A	N/A
Total BDOC	N/A	54,862	23,096	N/A	N/A	56,632	21,397	N/A	N/A	57,348	18,656	N/A
ADC By HSPG	N/A	150.3	63.3	N/A	N/A	155.2	58.6	N/A	N/A	157.1	51.1	N/A
Total ADC	213.6				213.8				208.2			
Total Bed Need*	233				232				226			

*Total bed need is based on a 95% occupancy for LTSS and 85% occupancy for Blind rehab, residential rehab, and SCI



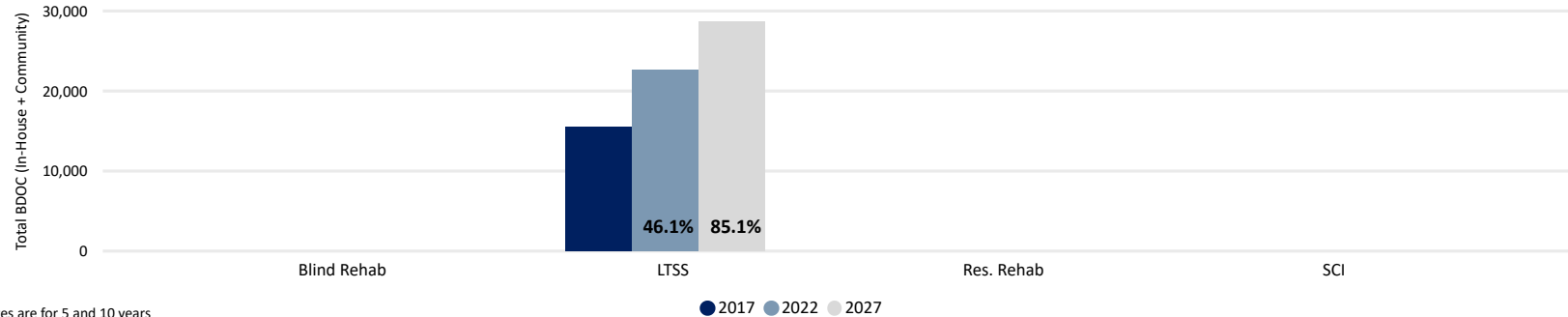


VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► **BY17 Parent Facility Utilization Projections (Other Inpatient) — Columbus-Ohio HCC**

BY17 Columbus-Ohio HCC Utilization Projections BDOC												
	FY17				FY22				FY27			
	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI	Blind Rehab	LTSS	Res Rehab	SCI
In-House BDOC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Community BDOC	N/A	15,503	N/A	N/A	N/A	22,653	N/A	N/A	N/A	28,696	N/A	N/A
Total BDOC	N/A	15,503	N/A	N/A	N/A	22,653	N/A	N/A	N/A	28,696	N/A	N/A
ADC By HSPG	N/A	42.5	N/A	N/A	N/A	62.1	N/A	N/A	N/A	78.6	N/A	N/A
Total ADC	42.5				62.1				78.6			
Total Bed Need*	45				65				83			

*Total bed need is based on a 95% occupancy for LTSS and 85% occupancy for Blind rehab, residential rehab, and SCI





VISN 10: Central Ohio Market — Chillicothe-Ohio

Demand ► Overall Inpatient Commercial Demand – Chillicothe-Ohio Area

• Overview:

- ✓ Commercial market inpatient demand estimates were developed to understand current and future expected inpatient demand trends for non-Veteran populations
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

	Total Inpatient Bed Days of Care (BDOC)				Growth Projections (#,%)			
Clinical Service Line	2018	2023	2028	5 Year Chg	5 Year % Chg	10 Year Chg	10 Year % Chg	
General Medicine	65,579	77,761	89,515	12,182	18.6%	23,936	36.5%	
Nephrology	29,871	34,054	38,092	4,183	14.0%	8,221	27.5%	
Neurology	44,706	49,256	53,581	4,550	10.2%	8,875	19.9%	
Rheumatology	1,801	1,793	1,744	-8	-0.4%	-57	-3.2%	
Hematology	7,172	7,495	7,802	323	4.5%	630	8.8%	
Gastroenterology	48,222	49,422	52,096	1,200	2.5%	3,874	8.0%	
Oncology Medical	16,616	16,989	17,537	373	2.2%	921	5.5%	
Pulmonary	64,994	65,278	64,500	284	0.4%	-494	-0.8%	
Dermatology	10,292	10,337	10,919	45	0.4%	627	6.1%	
Cardiology	75,635	73,497	69,940	-2,138	-2.8%	-5,695	-7.5%	
HIV	418	399	398	-19	-4.5%	-20	-4.8%	
Endocrine	12,710	10,456	9,866	-2,254	-17.7%	-2,844	-22.4%	
Medicine Sub-Total	378,016	396,737	415,990	18,721	5.0%	37,974	10.0%	
Neurosurgery	8,955	9,282	9,590	327	3.7%	635	7.1%	
Orthopedics	64,982	63,004	59,659	-1,978	-3.0%	-5,323	-8.2%	
Open Heart	15,945	16,579	17,347	634	4.0%	1,402	8.8%	
Vascular Surgery	8,249	8,264	8,347	15	0.2%	98	1.2%	
General Surgery	70,179	72,158	75,730	1,979	2.8%	5,551	7.9%	
Ophthalmology	587	583	590	-4	-0.7%	3	0.5%	
Thoracic Surgery	21,446	21,734	21,978	288	1.3%	532	2.5%	
Trauma	4,398	4,292	4,176	-106	-2.4%	-222	-5.0%	
Urology	7,598	7,394	7,704	-204	-2.7%	106	1.4%	
Dentistry	501	468	429	-33	-6.6%	-72	-14.4%	
Otolaryngology	2,526	1,949	1,643	-577	-22.8%	-883	-35.0%	
Surgery Sub-Total	205,366	205,707	207,193	341	0.2%	1,827	0.9%	
Medicine/Surgery Total	583,382	602,444	623,183	19,062	3.3%	39,801	6.8%	
OB/Delivery	53,487	49,460	47,451	-4,027	-7.5%	-6,036	-11.3%	
Other OB	3,992	3,587	3,393	-405	-10.1%	-599	-15.0%	
Gynecology	2,767	1,901	1,621	-866	-31.3%	-1,146	-41.4%	
Women's Health Total	60,246	54,948	52,465	-5,298	-8.8%	-7,781	-12.9%	
Psych/Drug Abuse	68,415	75,756	83,764	7,341	10.7%	15,349	22.4%	
Mental Health Total	68,415	75,756	83,764	7,341	10.7%	15,349	22.4%	
Acute Rehab	1,450	1,166	945	-284	-19.6%	-505	-34.8%	
Rehab Total	1,450	1,166	945	-284	-19.6%	-505	-34.8%	
Other Total	54	56	57	2	3.7%	3	5.6%	
Grand Total	713,547	734,370	760,414	20,823	2.9%	46,867	6.6%	



VISN 10: Central Ohio Market — Columbus-Ohio

Demand ► Overall Inpatient Commercial Demand – Columbus-Ohio Area

• Overview:

- ✓ Commercial market inpatient demand estimates were developed to understand current and future expected inpatient demand trends for non-Veteran populations
- ✓ Demand estimates are based on non-Veteran patient origin within a 60 minute drive time from parent VA Medical Center/ Health Care Center noted

Clinical Service Line	Total Inpatient Bed Days of Care (BDOC)			Growth Projections (#,%)			
	2018	2023	2028	5 Year Chg	5 Year % Chg	10 Year Chg	10 Year % Chg
General Medicine	104,586	124,974	144,676	20,388	19.5%	40,090	38.3%
Nephrology	48,630	56,007	63,135	7,377	15.2%	14,505	29.8%
Neurology	72,304	80,448	88,173	8,144	11.3%	15,869	21.9%
Rheumatology	2,913	2,929	2,870	16	0.5%	-43	-1.5%
Hematology	11,387	12,001	12,579	614	5.4%	1,192	10.5%
Gastroenterology	77,160	79,896	84,907	2,736	3.5%	7,747	10.0%
Dermatology	16,000	16,248	17,356	248	1.5%	1,356	8.5%
Oncology Medical	27,223	28,055	29,138	832	3.1%	1,915	7.0%
Pulmonary	104,039	105,678	105,309	1,639	1.6%	1,270	1.2%
Cardiology	123,416	121,041	115,946	-2,375	-1.9%	-7,470	-6.1%
HIV	642	616	614	-26	-4.0%	-28	-4.4%
Endocrine	19,775	16,184	15,300	-3,591	-18.2%	-4,475	-22.6%
Medicine Sub-Total	608,075	644,077	680,003	36,002	5.9%	71,928	11.8%
Neurosurgery	14,494	15,161	15,777	667	4.6%	1,283	8.9%
Orthopedics	105,869	103,712	98,968	-2,157	-2.0%	-6,901	-6.5%
Open Heart	26,250	27,560	29,038	1,310	5.0%	2,788	10.6%
Vascular Surgery	13,339	13,497	13,747	158	1.2%	408	3.1%
General Surgery	113,213	117,227	123,619	4,014	3.5%	10,406	9.2%
Ophthalmology	955	955	973	0	0.0%	18	1.9%
Thoracic Surgery	34,002	34,736	35,322	734	2.2%	1,320	3.9%
Trauma	6,969	6,880	6,760	-89	-1.3%	-209	-3.0%
Dentistry	780	738	684	-42	-5.4%	-96	-12.3%
Urology	12,451	12,215	12,827	-236	-1.9%	376	3.0%
Otolaryngology	4,026	3,131	2,670	-895	-22.2%	-1,356	-33.7%
Surgery Sub-Total	332,348	335,812	340,385	3,464	1.0%	8,037	2.4%
Medicine/Surgery Total	940,423	979,889	1,020,388	39,466	4.2%	79,965	8.5%
OB/Delivery	79,473	74,179	72,243	-5,294	-6.7%	-7,230	-9.1%
Other OB	5,522	4,991	4,777	-531	-9.6%	-745	-13.5%
Gynecology	4,538	3,141	2,696	-1,397	-30.8%	-1,842	-40.6%
Women's Health Total	89,533	82,311	79,716	-7,222	-8.1%	-9,817	-11.0%
Psych/Drug Abuse	97,511	109,323	122,309	11,812	12.1%	24,798	25.4%
Mental Health Total	97,511	109,323	122,309	11,812	12.1%	24,798	25.4%
Acute Rehab	2,213	1,769	1,423	-444	-20.1%	-790	-35.7%
Rehab Total	2,213	1,769	1,423	-444	-20.1%	-790	-35.7%
Other Total	79	81	83	2	2.5%	4	5.1%
Grand Total	1,129,759	1,173,373	1,223,919	43,614	3.9%	94,160	8.3%



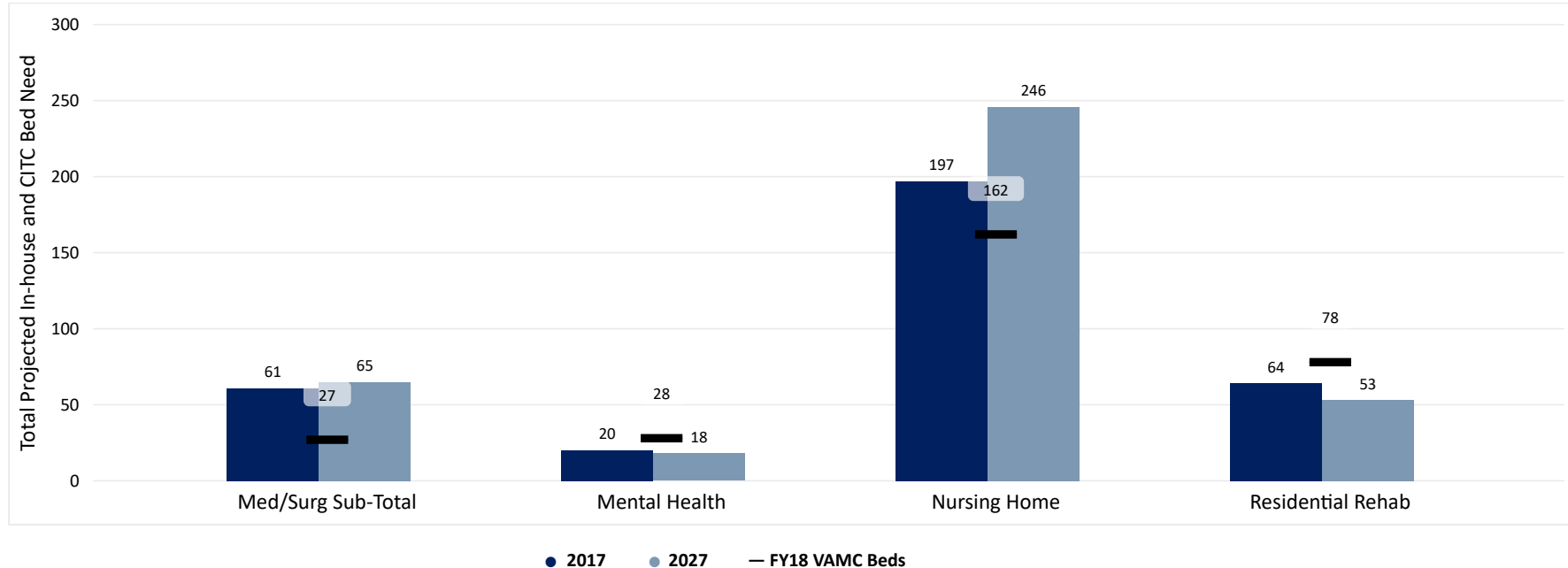
Supply ► **Estimated Current Total VA Market Supply**



VISN 10: Central Ohio Market

Supply ► Comparing Total Market Veteran Demand vs. VA Medical Center Supply — Inpatient Services

Veteran Inpatient Projected Demand and VA Supply

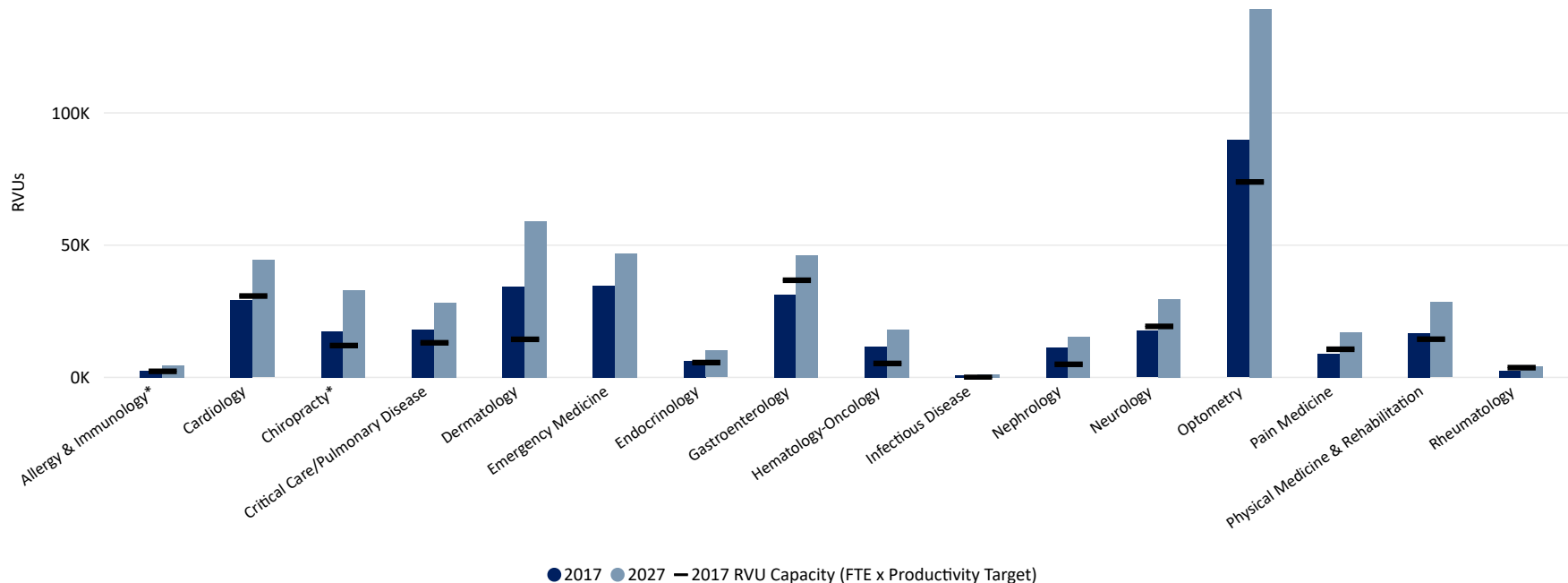




VISN 10: Central Ohio Market

Supply ► Comparing Total Market Veteran Demand vs. VA Medical Center Supply — Outpatient Services — Ambulatory Medical Specialties (HSPCs)

Ambulatory Medical (HSPCs)



* Reflects service is not provided in-house or there is no VA set productivity target

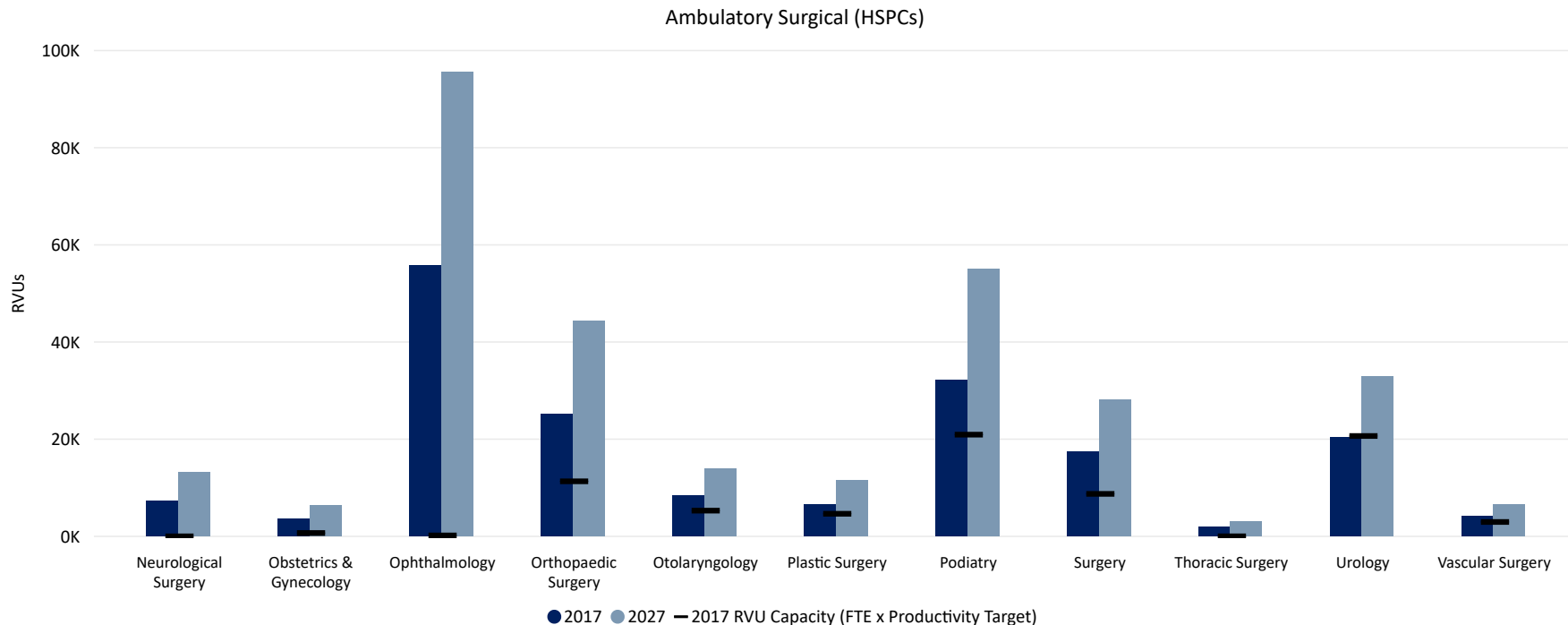
Source: 1. BY17 EHCPM Utilization Projections 2. OPES Physician Capacity Reports 3. VSSC Physician Productivity Cube 4. VSSC MPCR3 Cube

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VISN 10: Central Ohio Market

Supply ► Comparing Total Market Veteran Demand vs. VA Medical Center Supply — Outpatient Services — Ambulatory Surgical Specialties (HSPCs)



* Reflects service is not provided in-house or there is no VA set productivity target

Source: 1. BY17 EHCPM Utilization Projections 2. OPES Physician Capacity Reports 3. VSSC Physician Productivity Cube 4. VSSC MPCR3 Cube

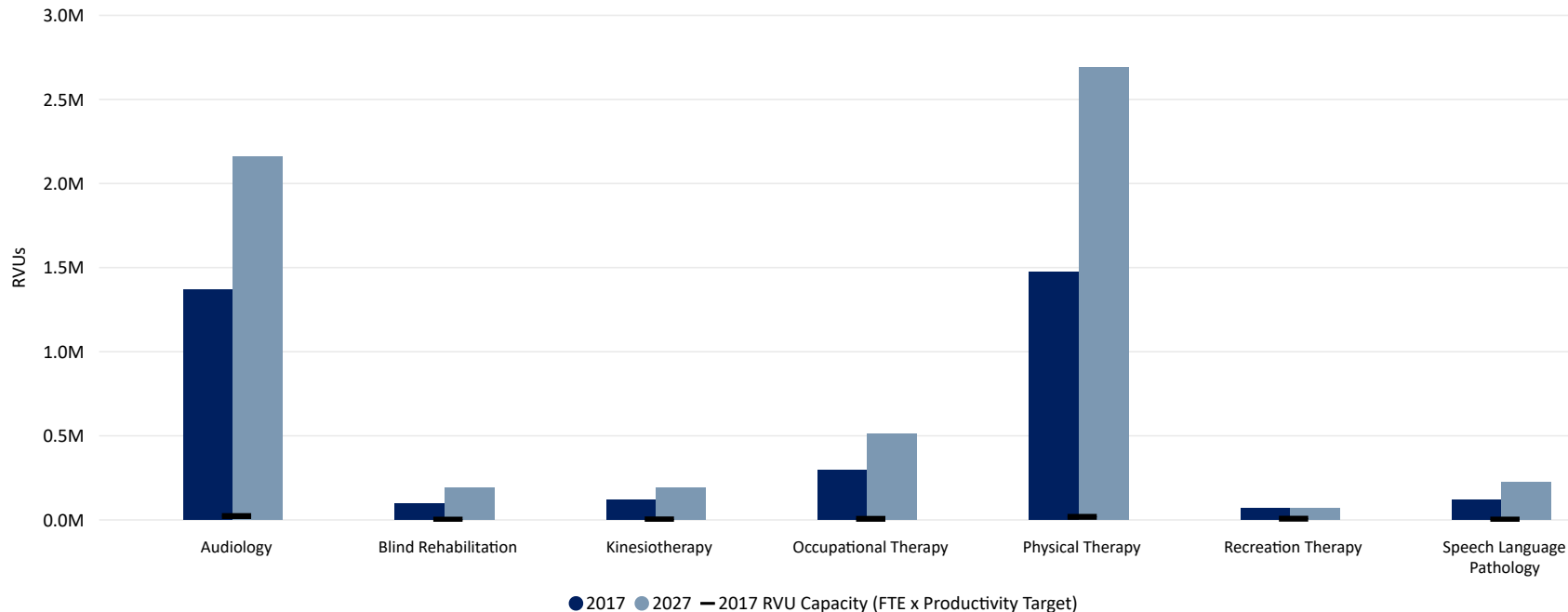
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VISN 10: Central Ohio Market

Supply ► Comparing Total Market Veteran Demand vs. VA Medical Center Supply — Outpatient Services — Ambulatory Rehab Specialties (HSPCs)

Ambulatory Rehab (HSPCs)



* Reflects service is not provided in-house or there is no VA set productivity target

Source: 1. BY17 EHCPM Utilization Projections 2. OPES Physician Capacity Reports 3. VSSC Rehab Productivity Cube 4. VSSC MPCR3 Cube

6.4.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Physician Efficiency — Chillicothe-Ohio VAMC

Specialty	SPARQ Quadrant 2016	SPARQ Quadrant 2017	SPARQ Quadrant 2018	2016 MD FTEs	2017 MD FTEs	2018 MD FTEs	2016 APP FTEs	2017 APP FTEs	2018 APP FTEs
Anesthesiology	N/A	N/A	N/A	N/A	N/A	N/A	0.2	0.1	0.0
Cardiology	3 - Inefficient	4 - Over Resourced	N/A	1.0	0.9	1.3	1.3	3.0	2.2
Chiropractic	N/A	4 - Over Resourced	4 - Over Resourced	2.0	1.8	1.0	1.0	0.3	0.0
Critical Care / Pulmonary Disease	N/A	N/A	4 - Over Resourced	N/A	N/A	0.7	2.2	2.4	3.0
Dermatology	N/A	N/A	N/A	N/A	N/A	N/A	0.2	0.2	0.1
Emergency Medicine	N/A	N/A	N/A	1.5	3.0	3.9	6.7	8.0	5.4
Endocrinology	N/A	N/A	N/A	N/A	N/A	N/A	0.1	0.0	0.0
Gastroenterology	4 - Over Resourced	4 - Over Resourced	4 - Over Resourced	1.7	1.3	1.5	4.6	4.8	4.0
Geriatric Medicine	N/A	N/A	N/A	0.1	1.4	1.3	11.7	10.2	11.4
Hematology-Oncology	N/A	N/A	N/A	N/A	N/A	N/A	0.0	N/A	N/A
Infectious Disease	N/A	N/A	N/A	N/A	N/A	N/A	0.0	N/A	N/A
Internal Medicine	4 - Over Resourced	4 - Over Resourced	4 - Over Resourced	19.4	20.7	19.9	21.7	41.5	38.8
Neurology	3 - Inefficient	4 - Over Resourced	4 - Over Resourced	2.7	1.8	1.6	0.2	0.2	0.4
Obstetrics & Gynecology	N/A	N/A	N/A	N/A	N/A	N/A	0.0	N/A	N/A
Ophthalmology	4 - Over Resourced	4 - Over Resourced	N/A	0.7	N/A	N/A	0.0	N/A	N/A
Optometry	4 - Over Resourced	4 - Over Resourced	1 - Optimized Practice	7.6	4.8	4.6	0.3	0.4	0.2
Orthopaedic Surgery	N/A	N/A	N/A	N/A	N/A	N/A	2.7	2.7	2.7
Pain Medicine	N/A	N/A	2 - Under Resourced	N/A	N/A	1.7	0.1	0.1	0.0
Pathology	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.1
Physical Medicine & Rehabilitation	3 - Inefficient	3 - Inefficient	N/A	1.8	1.8	1.1	0.8	0.1	0.0



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Physician Efficiency — Chillicothe-Ohio VAMC, cont.

Specialty	SPARQ Quadrant 2016	SPARQ Quadrant 2017	SPARQ Quadrant 2018	2016 MD FTEs	2017 MD FTEs	2018 MD FTEs	2016 APP FTEs	2017 APP FTEs	2018 APP FTEs
Podiatry	N/A	4 - Over Resourced	4 - Over Resourced	1.5	1.7	1.1	0.0	0.0	0.0
Primary Care	4 - Over Resourced	4 - Over Resourced	4 - Over Resourced	N/A	N/A	N/A	N/A	N/A	N/A
Psychiatry	N/A	N/A	N/A	10.0	7.4	7.1	N/A	N/A	N/A
Psychiatry/Psychology	N/A	N/A	N/A	N/A	N/A	N/A	17.7	20.8	19.5
Psychology	N/A	N/A	N/A	17.5	16.5	16.3	0.0	0.0	0.3
Radiology	N/A	N/A	N/A	2.3	2.1	3.0	0.1	0.1	0.1
Surgery	3 - Inefficient	N/A	N/A	N/A	N/A	N/A	0.1	0.1	0.1
Thoracic Surgery	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	N/A
Urology	4 - Over Resourced	3 - Inefficient	3 - Inefficient	1.9	0.7	0.5	1.4	0.3	0.1
Vascular Surgery	N/A	N/A	N/A	N/A	N/A	N/A	0.1	0.2	0.2
Total				71.9	65.9	66.5	73.1	95.8	88.6



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Physician Efficiency — Columbus-Ohio HCC

Specialty	SPARQ Quadrant 2016	SPARQ Quadrant 2017	SPARQ Quadrant 2018	2016 MD FTEs	2017 MD FTEs	2018 MD FTEs	2016 APP FTEs	2017 APP FTEs	2018 APP FTEs
Allergy and Immunology	N/A	N/A	N/A	0.3	0.5	0.5	0.2	0.3	0.4
Anesthesiology	N/A	N/A	N/A	2.7	2.4	2.3	0.3	2.7	2.7
Cardiology	3 - Inefficient	3 - Inefficient	3 - Inefficient	3.0	3.2	3.4	1.9	2.0	1.7
Chiropractic	2 - Under Resourced	2 - Under Resourced	N/A	1.1	2.0	3.7	N/A	N/A	N/A
Critical Care / Pulmonary Disease	2 - Under Resourced	3 - Inefficient	3 - Inefficient	1.9	2.0	1.2	0.1	0.1	0.2
Dermatology	2 - Under Resourced	2 - Under Resourced	2 - Under Resourced	1.7	2.0	2.0	2.3	2.3	3.4
Emergency Medicine	N/A	N/A	N/A	2.1	1.1	1.2	1.1	1.2	3.0
Endocrinology	2 - Under Resourced	2 - Under Resourced	2 - Under Resourced	0.8	1.4	1.3	2.2	0.1	0.1
Gastroenterology	3 - Inefficient	3 - Inefficient	3 - Inefficient	3.8	2.9	2.9	1.2	1.2	3.1
Geriatric Medicine	N/A	N/A	N/A	1.5	1.1	1.3	14.7	17.5	19.3
Hematology-Oncology	2 - Under Resourced	N/A	3 - Inefficient	1.6	0.9	0.8	0.1	1.4	2.5
Internal Medicine	1 - Optimized Practice	2 - Under Resourced	2 - Under Resourced	24.4	27.6	28.8	28.6	30.9	31.5
Nephrology	3 - Inefficient	N/A	3 - Inefficient	1.2	1.5	1.5	0.0	0.0	0.1
Neurological Surgery	N/A	N/A	1 - Optimized Practice	N/A	N/A	0.2	N/A	N/A	N/A
Neurology	N/A	2 - Under Resourced	1 - Optimized Practice	2.9	3.7	3.5	0.1	0.1	0.2
Obstetrics & Gynecology	4 - Over Resourced	1 - Optimized Practice	1 - Optimized Practice	0.9	0.3	0.3	0.1	N/A	0.2
Ophthalmology	N/A	N/A	N/A	N/A	N/A	N/A	0.1	0.1	0.2
Optometry	3 - Inefficient	1 - Optimized Practice	1 - Optimized Practice	8.5	9.2	8.1	0.1	0.1	0.2
Orthopaedic Surgery	3 - Inefficient	3 - Inefficient	3 - Inefficient	1.5	1.3	1.2	0.1	0.0	2.4
Otolaryngology	N/A	4 - Over Resourced	4 - Over Resourced	1.1	1.2	1.0	0.0	0.0	0.1



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Physician Efficiency — Columbus-Ohio HCC, cont.

Specialty	SPARQ Quadrant 2016	SPARQ Quadrant 2017	SPARQ Quadrant 2018	2016 MD FTEs	2017 MD FTEs	2018 MD FTEs	2016 APP FTEs	2017 APP FTEs	2018 APP FTEs
Pain Medicine	2 - Under Resourced	1 - Optimized Practice	1 - Optimized Practice	0.5	1.4	0.9	0.3	2.7	2.7
Pathology	N/A	N/A	N/A	1.2	1.1	1.2	N/A	N/A	N/A
Physical Medicine & Rehabilitation	3 - Inefficient	3 - Inefficient	2 - Under Resourced	2.1	2.8	3.1	N/A	N/A	0.0
Plastic Surgery	1 - Optimized Practice	1 - Optimized Practice	1 - Optimized Practice	1.0	1.1	1.5	N/A	0.0	0.0
Podiatry	2 - Under Resourced	1 - Optimized Practice	2 - Under Resourced	2.9	3.2	3.1	0.1	0.1	0.1
Primary Care	N/A	2 - Under Resourced	2 - Under Resourced	N/A	N/A	N/A	N/A	N/A	N/A
Psychiatry	N/A	N/A	1 - Optimized Practice	12.7	11.7	12.1	N/A	N/A	N/A
Psychiatry/Psychology	N/A	N/A	N/A	N/A	N/A	N/A	12.7	12.1	11.7
Psychology	N/A	N/A	4 - Over Resourced	23.4	23.1	22.3	N/A	N/A	N/A
Radiology	N/A	N/A	N/A	N/A	1.4	2.7	N/A	N/A	N/A
Rheumatology	2 - Under Resourced	N/A	N/A	0.2	1.3	1.5	0.7	0.1	0.1
Surgery	1 - Optimized Practice	4 - Over Resourced	4 - Over Resourced	2.4	2.3	2.2	0.1	0.0	0.1
Urology	N/A	4 - Over Resourced	4 - Over Resourced	3.5	3.1	2.6	2.5	2.3	2.7
Vascular Surgery	4 - Over Resourced	N/A	N/A	0.6	0.7	0.8	0.0	0.0	0.1
Total				111.6	117.2	119.2	69.7	77.1	89.2



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Potential Physician Additional Capacity — Chillicothe-Ohio VAMC

Physician Specialty	Potential Additional RVU Capacity
Allergy and Immunology	-
Cardiology	-
Chiropracty	801
Critical Care / Pulmonary Disease	1,922
Dermatology	-
Endocrinology	-
Gastroenterology	2,016
Geriatric Medicine	-
Hematology-Oncology	-
Infectious Disease	-
Internal Medicine	2,567
Nephrology	-
Neurological Surgery	-
Neurology	2,877
Obstetrics & Gynecology	-
Ophthalmology	-
Optometry	-
Orthopaedic Surgery	-
Otolaryngology	-
Pain Medicine	-

Potential Additional RVU Capacity = (Productivity Standard – Productivity), N/A = Data Not Available

Source: OPES Physician Capacity Reports

6.6.V10.CentralOhio.538



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Potential Physician Additional Capacity — Chillicothe-Ohio VAMC, cont.

Physician Specialty	Potential Additional RVU Capacity
Pathology	-
Physical Medicine & Rehabilitation	-
Plastic Surgery	-
Podiatry	-
Psychiatry	595
Psychology	2,000
Radiology	-
Rheumatology	-
Surgery	-
Thoracic Surgery	-
Urology	1,132
Vascular Surgery	-

Potential Additional RVU Capacity = (Productivity Standard – Productivity), N/A = Data Not Available

Source: OPES Physician Capacity Reports

6.6.V10.CentralOhio.538#2



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Potential Physician Additional Capacity — Columbus-Ohio HCC

Physician Specialty	Potential Additional RVU Capacity
Allergy and Immunology	173
Cardiology	3,987
Chiropracty	-
Critical Care / Pulmonary Disease	599
Dermatology	-
Endocrinology	-
Gastroenterology	2,362
Geriatric Medicine	-
Hematology-Oncology	424
Infectious Disease	-
Internal Medicine	-
Nephrology	825
Neurological Surgery	79
Neurology	-
Obstetrics & Gynecology	-
Ophthalmology	-
Optometry	671
Orthopaedic Surgery	70
Otolaryngology	560
Pain Medicine	-

Potential Additional RVU Capacity = (Productivity Standard – Productivity), N/A = Data Not Available

Source: OPES Physician Capacity Reports

6.6.V10.CentralOhio.757



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Potential Physician Additional Capacity — Columbus-Ohio HCC, cont.

Physician Specialty	Potential Additional RVU Capacity
Pathology	-
Physical Medicine & Rehabilitation	-
Plastic Surgery	-
Podiatry	-
Psychiatry	43
Psychology	1,995
Radiology	-
Rheumatology	-
Surgery	1,187
Thoracic Surgery	-
Urology	2,523
Vascular Surgery	-

Potential Additional RVU Capacity = (Productivity Standard – Productivity), N/A = Data Not Available

Source: OPES Physician Capacity Reports

6.6.V10.CentralOhio.757#2



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Physicians by Outpatient Clinical Category

FY18 Chillicothe-Ohio VAMC & CBOC Physicians by Outpatient Clinical Category					
VA Facility	Primary Care*	Specialty Care	Emergency Care	Mental Health	Total
(V10) (538) Chillicothe-Ohio	14.4	15.1	3.9	18.6	52.0
(V10) (538GA) Athens-Ohio	1.3	0.0	0.0	1.4	2.7
(V10) (538GB) Portsmouth-Ohio	0.8	0.0	0.0	0.2	1.0
(V10) (538GC) Marietta	1.5	0.0	0.0	0.7	2.2
(V10) (538GD) Lancaster	1.5	0.0	0.0	1.6	3.2
(V10) (538GE) Cambridge-Ohio	0.8	0.0	0.0	0.8	1.6
(V10) (538GF) Wilmington-Ohio	0.8	0.0	0.0	0.0	0.8

*Primary Care includes Internal Medicine and Geriatric Medicine

Note: Contract clinics do not have FTEs represented.

Source: VSSC Physician Productivity Cube

6.7.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Physicians by Outpatient Clinical Category

FY18 Columbus-Ohio HCC & CBOC Physicians by Outpatient Clinical Category					
VA Facility	Primary Care*	Specialty Care	Emergency Care	Mental Health	Total
(V10) (757) Columbus-Ohio	21.6	49.6	1.2	30.4	102.8
(V10) (757GA) Zanesville	2.6	0.0	0.0	0.8	3.4
(V10) (757GB) Grove City	2.2	0.0	0.0	0.7	3.0
(V10) (757GC) Marion-Ohio	1.9	0.0	0.0	0.6	2.5
(V10) (757GD) Newark-Ohio	1.8	0.0	0.0	1.8	3.6

*Primary Care includes Internal Medicine and Geriatric Medicine

Note: Contract clinics do not have FTEs represented.

Source: VSSC Physician Productivity Cube

6.7.V10.CentralOhio.757



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Vacant Positions

Chillicothe-Ohio VAMC Open FTE Positions		
Occupation	FY18	FY19*
0060 Chaplain	N/A	1.0
0081 Fire Protection And Prevention	N/A	1.8
0083 Police	1.0	2.0
0101 Social Science	1.0	1.0
0180 Psychology	N/A	1.0
0185 Social Work	4.0	3.0
0189 Recreation Aid And Assistant	N/A	1.0
0201 Human Resources Management	2.0	1.0
0203 Human Resources Assistance	1.0	N/A
0301 Miscellaneous Administration and Program	1.0	2.0
0303 Miscellaneous Clerk and Assistant	N/A	1.0
0305 Mail and File	1.0	2.0
0318 Secretary	0.5	N/A
0340 Program Management & 0344 Management and ...	2.0	N/A
0341 Administrative Officer	N/A	1.0
0343 Management and Program Analysis	1.0	N/A
0601 General Health Science	2.0	N/A
0602 Medical Officer	3.0	2.0
0603 Physician's Assistant	1.0	N/A
0610 Nurse	15.4	24.7
0620 Practical Nurse	12.1	15.0
0621 Nursing Assistant	3.1	3.1
0630 Dietitian and Nutritionist	1.0	1.0
0636 Rehabilitation Therapy Assistant	N/A	1.0
0638 Recreation/Creative Arts Therapist	1.0	1.0

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.538



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Vacant Positions, cont.

Chillicothe-Ohio VAMC Open FTE Positions		
Occupation	FY18	FY19*
0640 Health Aid and Technician	1.0	N/A
0644 Medical Technologist	1.0	1.0
0645 Medical Technician	2.0	2.0
0647 Diagnostic Radiologic Technologist	0.3	0.0
0649 Medical Instrument Technician	N/A	2.0
0660 Pharmacist	1.0	2.0
0662 Optometrist	N/A	1.0
0669 Medical Records Administration	N/A	1.0
0670 Health System Administration	N/A	1.0
0671 Health System Specialist	1.0	2.0
0675 Medical Records Technician	2.0	3.0
0679 Medical Support Assistance	6.6	3.6
0810 Civil Engineering	N/A	1.0
1601 General Facilities and Equipment	1.0	N/A
1603 Equipment, Facilities, And Services Assistance	N/A	1.0
1715 Vocational Rehabilitation	1.0	N/A
2003 Supply Program Management	1.0	N/A
2005 Supply Clerical and Technician	1.0	N/A
2010 Inventory Management	2.0	1.0
2102 Transportation Clerk And Assistant	N/A	0.1
3566 Custodial Worker	6.0	16.5
4204 Pipefitting	N/A	1.0
4749 Maintenance Mechanic	1.0	N/A
5703 Motor Vehicle Operator	N/A	0.1
5705 Tractor Operating	N/A	0.1

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.538#2



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Vacant Positions, cont.

Chillicothe-Ohio VAMC Open FTE Positions		
Occupation	FY18	FY19*
6907 Materials Handler	N/A	1.0
7408 Food Service Worker	2.2	3.5
Grand Total	83.2	109.6

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.538#3



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Vacant Positions

Columbus-Ohio HCC Open FTE Positions		
Occupation	FY18	FY19*
0060 Chaplain	1.0	1.0
0083 Police	1.0	4.0
0086 Security Clerical and Assistance	1.0	1.0
0102 Social Science Aid and Technician	1.0	N/A
0180 Psychology	N/A	1.0
0185 Social Work	2.0	2.0
0201 Human Resources Management	3.0	5.0
0203 Human Resources Assistance	1.0	N/A
0260 Equal Employment Opportunity	N/A	1.0
0301 Miscellaneous Administration and Program	1.0	2.0
0303 Miscellaneous Clerk and Assistant	2.0	3.0
0304 Information Receptionist	N/A	1.0
0305 Mail and File	5.0	2.0
0318 Secretary	N/A	2.0
0340 Program Management & 0344 Management and ...	N/A	1.0
0341 Administrative Officer	N/A	1.0
0343 Management and Program Analysis	2.0	N/A
0503 Financial Clerical and Assistance	1.0	N/A
0544 Civilian Pay	1.0	N/A
0601 General Health Science	N/A	1.0
0602 Medical Officer	10.0	13.0
0605 Nurse Anesthetist	0.0	0.0
0610 Nurse	28.0	30.1
0620 Practical Nurse	12.0	13.6
0621 Nursing Assistant	1.0	N/A

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.757



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Vacant Positions, cont.

Columbus-Ohio HCC Open FTE Positions		
Occupation	FY18	FY19*
0622 Medical Supply Aide and Technician	2.0	3.0
0631 Occupational Therapist	1.0	N/A
0636 Rehabilitation Therapy Assistant	N/A	0.5
0640 Health Aid and Technician	1.0	5.0
0644 Medical Technologist	1.0	3.0
0645 Medical Technician	N/A	2.0
0647 Diagnostic Radiologic Technologist	N/A	2.0
0649 Medical Instrument Technician	1.0	N/A
0660 Pharmacist	N/A	1.0
0661 Pharmacy Technician	3.0	1.0
0662 Optometrist	1.0	1.0
0665 Speech Pathology and Audiology	0.4	1.0
0667 Orthotist and Prosthetist	1.0	1.0
0671 Health System Specialist	N/A	2.0
0672 Prosthetic Representative	1.0	N/A
0675 Medical Records Technician	1.0	4.0
0679 Medical Support Assistance	17.0	27.0
0680 Dental Officer	N/A	1.0
0681 Dental Assistant	1.0	N/A
0682Dental Hygiene	N/A	1.0
0801 General Engineering	1.0	1.0
0808Architecture	N/A	1.0
1035Public Affairs	N/A	1.0
1105 Purchasing	2.0	4.0
1601 General Facilities and Equipment	N/A	1.0

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.757#2



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Vacant Positions, cont.

Columbus-Ohio HCC Open FTE Positions		
Occupation	FY18	FY19*
2005 Supply Clerical and Technician	2.0	2.0
2010 Inventory Management	1.0	N/A
2102Transportation Clerk And Assistant	N/A	3.0
2805 Electrician	N/A	1.0
3502Laboring	N/A	1.0
3566 Custodial Worker	6.5	8.0
4102Painting	N/A	1.0
4204Pipefitting	N/A	1.0
4749 Maintenance Mechanic	N/A	2.0
5402Boiler Plant Operating	N/A	1.0
5703 Motor Vehicle Operator	1.0	3.0
6907 Materials Handler	N/A	1.0
Grand Total	118.0	172.3

*FY19 vacant positions as of March 2019

Source: VHA Office of Workforce Management

6.8.V10.CentralOhio.757#3

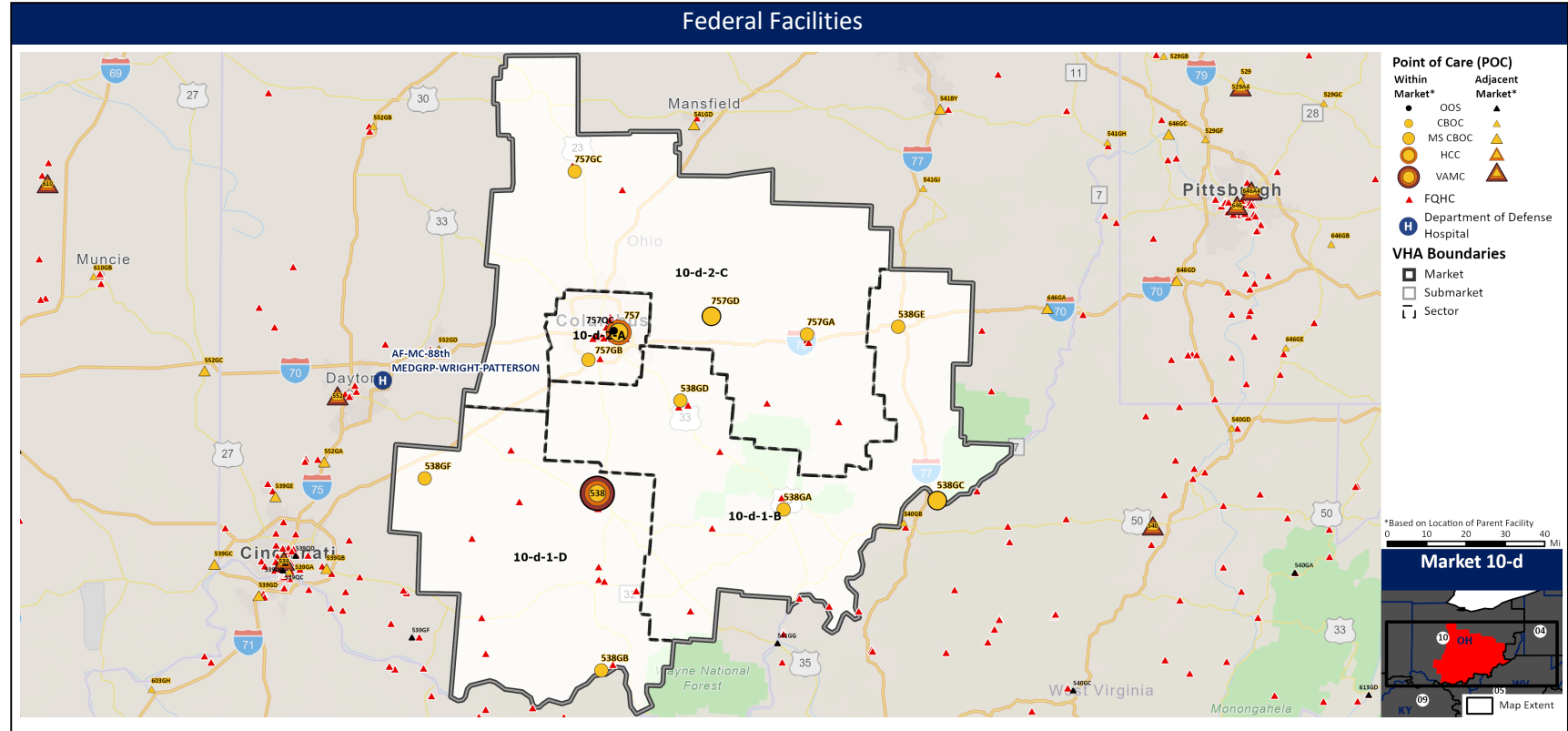


Supply ▶ **Estimated Current Total Community
Market Supply**



VISN 10: Central Ohio Market

Supply ► Existing Federal Facilities



Source: 1. FQHC – HRSA Data Warehouse 2. IHS – ESRI Meta Data 3. DoD – Federal Practitioner, 2019 Directory

7.1.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Supply ► Existing Federal Facilities, cont.

Sector	Type*	Partner Facility Name**	Distance From VA POC (x miles, POC Name)
10-d-1-B	FQHC (8)	<ul style="list-style-type: none"> ● Jackson Family Health Center ● Southern Local Wellness Center ● Family Healthcare-Mcarthur 	<ul style="list-style-type: none"> ● 43, (V10) (538) Chillicothe-Ohio, OH ● 32, (V10) (538GA) Athens-Ohio, OH ● 26, (V10) (538GA) Athens-Ohio, OH
10-d-1-D	FQHC (12)	<ul style="list-style-type: none"> ● Washington Court House Family Practice ● Beaver Health Center ● Community Action Committee 	<ul style="list-style-type: none"> ● 34, (V10) (538) Chillicothe-Ohio, OH ● 33, (V10) (538) Chillicothe-Ohio, OH ● 27, (V10) (538) Chillicothe-Ohio, OH
10-d-2-A	FQHC (13)	<ul style="list-style-type: none"> ● Lower Lights Christian Health Center, Inc. ● Columbus Healthcare For Homeless ● Columbus Neighborhood Health Center 	<ul style="list-style-type: none"> ● 8, (V10) (757GB) Grove City, OH ● 6, (V10) (757QC) Columbus-Airport Drive, OH ● 6, (V10) (757QC) Columbus-Airport Drive, OH
10-d-2-C	FQHC (4)	<ul style="list-style-type: none"> ● Family Healthcare - New Lexington ● Third Street Community Center ● Center Street Community Health Center 	<ul style="list-style-type: none"> ● 23, (V10) (757GA) Zanesville, OH ● 13, (V10) (757GC) Marion-Ohio, OH ● 1, (V10) (757GC) Marion-Ohio, OH

*FQHC quantity in parentheses reflects total number of FQHCs within a sector.

**The three FQHCs listed reflect the three most distant FQHCs from a VA POC.

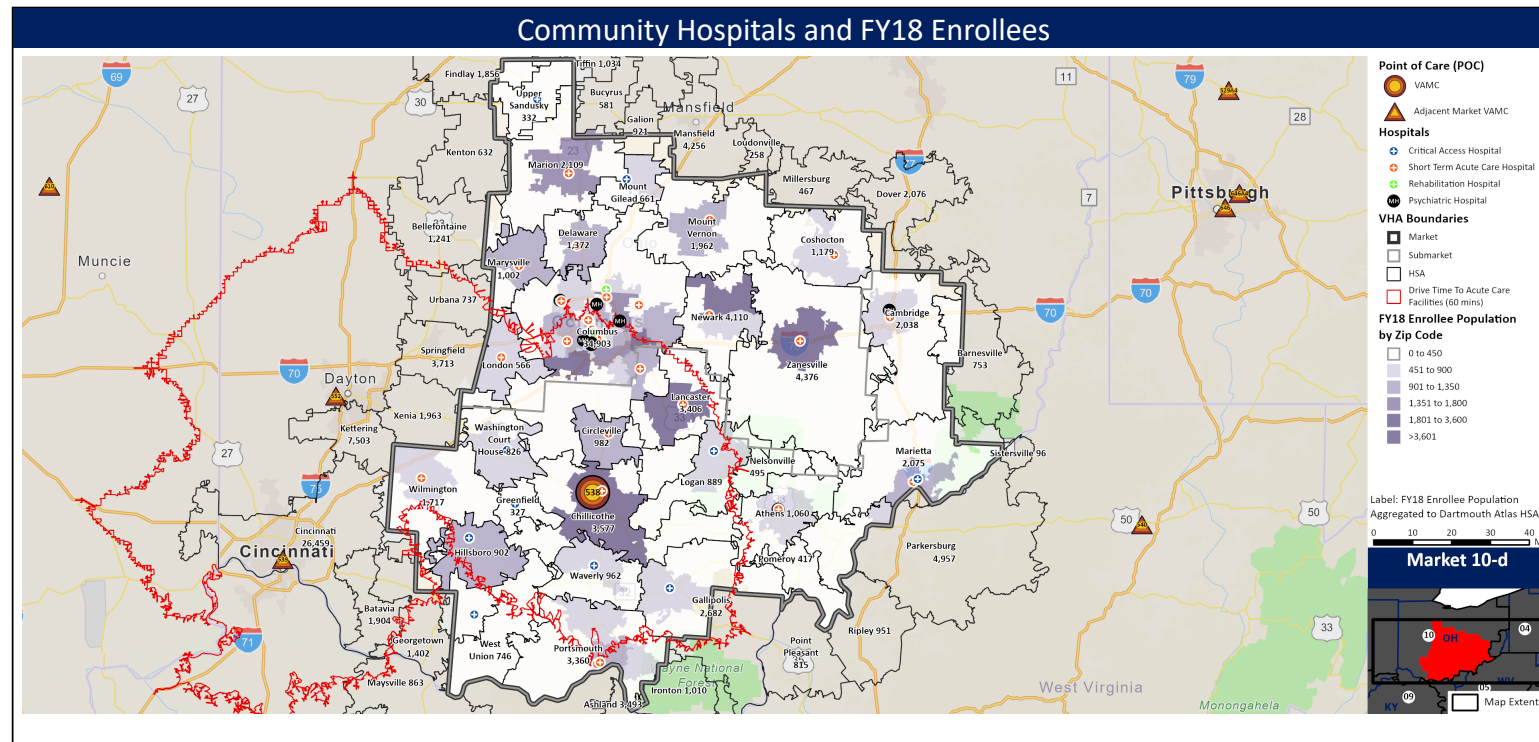
Source: 1. FQHC – HRSA Data Warehouse 2. IHS – ESRI Meta Data 3. DoD – Federal Practitioner - 2019 Directory

7.1.V10.CentralOhio



VISN 10: Central Ohio Market

Supply ► Market Community Hospital Overview



Note: Map provides context of community hospital density as map scale prevents illustration of all hospitals.

A Dartmouth Atlas Hospital Service Area (HSA) is a ZIP code-defined geography encompassing the community where the ZIP code's Medicare residents predominantly receive their hospital care.

Source: 1. Definitive Healthcare 2. Geocoded Enrollee File FY18Q4

7.2.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Supply ► Market Community Hospital Overview, cont.

Community Hospital Overview			
VAMC Area	Hospitals*	Total Staffed Beds	Total Occupancy**
(538) Chillicothe	20	3,193	66.6%
(757) Columbus	29	4,446	61.8%
Total Hospitals in the Market	43	6,012	60.3%

Note: The VAMC area is defined as the area within a 60 minute drive time of VAMC.

*Includes short term acute, critical access, psychiatric, and rehabilitation hospitals with a CMS Cost Report in FY17 or FY18 (does not include pediatric or DOD hospitals) and can include multi-campus hospitals reporting under a single provider number.

**Occupancy is based on total staffed beds.



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Community Hospital Current and Future Inpatient Demand & Supply

Top Hospitals ^{1,2}	Med/Surg/Acute		Mental Health		Rehab		CMI
	Beds ³	Occupancy ⁴	Beds ³	Occupancy ⁴	Beds ³	Occupancy ⁴	
Ohio State University Wexner Medical Center, OSU Wexner Medical Center East Hospital, OSU Harding Hospital, Richard M Ross Heart Hospital	956	76.0%	73	91.0%	60	78.3%	2.16
OhioHealth Riverside Methodist Hospital	684	74.7%	39	95.5%	N/A	N/A	2.05
Grant Medical Center	397	66.3%	N/A	N/A	N/A	N/A	2.03
James Cancer Hospital and Solove Research Institute	308	87.6%	N/A	N/A	N/A	N/A	N/A
Twin Valley Behavioral Healthcare Hospital	N/A	N/A	232	93.9%	N/A	N/A	N/A
Fairfield Medical Center	213	51.2%	N/A	N/A	N/A	N/A	1.64
Adena Regional Medical Center	189	52.3%	N/A	N/A	N/A	N/A	1.62
OhioHealth Doctors Hospital	149	61.3%	N/A	N/A	N/A	N/A	1.46
Ohio Hospital for Psychiatry	N/A	N/A	130	66.0%	N/A	N/A	N/A
Berger Hospital	83	20.1%	N/A	N/A	N/A	N/A	1.56
OhioHealth Rehabilitation Hospital	N/A	N/A	N/A	N/A	74	78.4%	N/A
Madison County Hospital	45	21.1%	N/A	N/A	N/A	N/A	1.18
Hocking Valley Community Hospital*	25	21.8%	10	55.7%	N/A	N/A	N/A
Highland District Hospital*	25	42.4%	10	42.0%	N/A	N/A	N/A
Adena Greenfield Medical Center*	25	2.9%	N/A	N/A	N/A	N/A	N/A
Other Hospitals in Area (5)	94	15.1%		N/A		N/A	1.64
Total	3,193	66.6%	494	84.5%	134	78.4%	1.70

1. Top hospitals based on number of staffed beds. 2. All beds within acute psychiatric and rehab commercial hospitals were assumed to be psychiatric or rehab beds. 3. Indicates staffed beds 4. Occupancy rate = total Bed Days of Care (BDOC) divided by staffed operating beds. 5. Applied growth rate and assumes actual beds remains the same. 6. BDOC and Projection Rate from IBM Market Expert

* Includes acute rehabilitation

Source: 1. CMS Cost Reports 2. IBM Market Expert

7.3.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Community Hospital Current and Future Inpatient Demand & Supply

Top Hospitals ^{1,2}	Med/Surg/Acute		Mental Health		Rehab		CMI
	Beds ³	Occupancy ⁴	Beds ³	Occupancy ⁴	Beds ³	Occupancy ⁴	
Ohio State University Wexner Medical Center, OSU Wexner Medical Center East Hospital, OSU Harding Hospital, Richard M Ross Heart Hospital	956	76.0%	73	91.0%	60	78.3%	2.16
OhioHealth Riverside Methodist Hospital	684	74.7%	39	95.5%	N/A	N/A	2.05
Grant Medical Center	397	66.3%	N/A	N/A	N/A	N/A	2.03
James Cancer Hospital and Solove Research Institute	308	87.6%	N/A	N/A	N/A	N/A	N/A
Genesis Hospital	285	51.8%	N/A	N/A	N/A	N/A	1.65
Mount Carmel St Anns	265	63.6%	N/A	N/A	N/A	N/A	1.76
Twin Valley Behavioral Healthcare Hospital	N/A	N/A	232	93.9%	N/A	N/A	N/A
Mercy Health - Springfield Regional Medical Center	230	66.1%	N/A	N/A	24	66.2%	1.68
Licking Memorial Hospital	219	32.5%	N/A	N/A	8	66.3%	1.48
Fairfield Medical Center	213	51.2%	N/A	N/A	N/A	N/A	1.64
Adena Regional Medical Center	189	52.3%	N/A	N/A	N/A	N/A	1.62
OhioHealth Doctors Hospital	149	61.3%	N/A	N/A	N/A	N/A	1.46
Columbus Springs Dublin Hospital	N/A	N/A	144	65.8%	N/A	N/A	N/A
Ohio Hospital for Psychiatry	N/A	N/A	130	66.0%	N/A	N/A	N/A
OhioHealth Dublin Methodist Hospital	107	38.9%	N/A	N/A	N/A	N/A	1.81
Other Hospitals in Area (14)	395	22.0%	60	24.6%	134	65.9%	1.40
Total	4,167	62.0%	678	76.2%	202	69.6%	1.62

1. Top hospitals based on number of staffed beds. 2. All beds within acute psychiatric and rehab commercial hospitals were assumed to be psychiatric or rehab beds. 3. Indicates staffed beds 4. Occupancy rate = total Bed Days of Care (BDOC) divided by staffed operating beds. 5. Applied growth rate and assumes actual beds remains the same. 6. BDOC and Projection Rate from IBM Market Expert

* Includes acute rehabilitation

Source: 1. CMS Cost Reports 2. IBM Market Expert

7.3.V10.CentralOhio.757



VISN 10: Central Ohio Market — Chillicothe-Ohio

Supply ► Community Hospital Current and Future Inpatient Demand & Supply, cont.

Future Supply and Demand													
	2018						Estimated 2028						
	ADC	BDOC	Actual Beds	2018 Actual Occupancy	75% Occupancy Bed Need	80% Occupancy Bed Need	Projection Rate	ADC	BDOC	Actual Beds	2028 Projected Occupancy	75% Occupancy Bed Need	80% Occupancy Bed Need
Medicine/Surgical*	2,232	814,557	3,327	67.1%	2,976	2,790	6.8%	2,340	854,170	3,327	70.3%	3,120	2,925
Medicine/Surgical* Conceptual Excess					351	537						207	402
Mental Health	417	152,265	494	84.5%	556	521	22.4%	511	186,426	494	103.4%	681	638
Mental Health Conceptual Excess					-62	-27						-187	-144

1. Top hospitals based on number of staffed beds. 2. All beds within acute psychiatric and rehab commercial hospitals were assumed to be psychiatric or rehab beds. 3. Indicates staffed beds 4. Occupancy rate = total Bed Days of Care (BDOC) divided by staffed operating beds. 5. Applied growth rate and assumes actual beds remains the same. 6. BDOC and Projection Rate from IBM Market Expert

* Includes acute rehabilitation



VISN 10: Central Ohio Market — Columbus-Ohio

Supply ► Community Hospital Current and Future Inpatient Demand & Supply, cont.

Future Supply and Demand													
	2018						Estimated 2028						
	ADC	BDOC	Actual Beds	2018 Actual Occupancy	75% Occupancy Bed Need	80% Occupancy Bed Need	Projection Rate	ADC	BDOC	Actual Beds	2028 Projected Occupancy	75% Occupancy Bed Need	80% Occupancy Bed Need
Medicine/Surgical*	2,906	1,060,720	4,672	62.2%	3,875	3,633	8.5%	3,084	1,125,669	4,672	66.0%	4,112	3,855
Medicine/Surgical* Conceptual Excess					797	1,039						560	817
Mental Health	517	188,642	678	76.2%	689	646	25.4%	648	236,616	678	95.6%	864	810
Mental Health Conceptual Excess					-11	32						-186	-132

1. Top hospitals based on number of staffed beds. 2. All beds within acute psychiatric and rehab commercial hospitals were assumed to be psychiatric or rehab beds. 3. Indicates staffed beds 4. Occupancy rate = total Bed Days of Care (BDOC) divided by staffed operating beds. 5. Applied growth rate and assumes actual beds remains the same. 6. BDOC and Projection Rate from IBM Market Expert

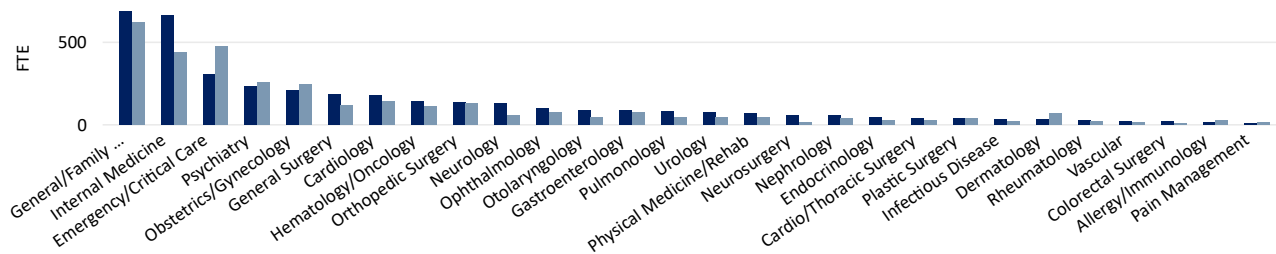
* Includes acute rehabilitation



VISN 10: Central Ohio Market — Chillicothe-Ohio

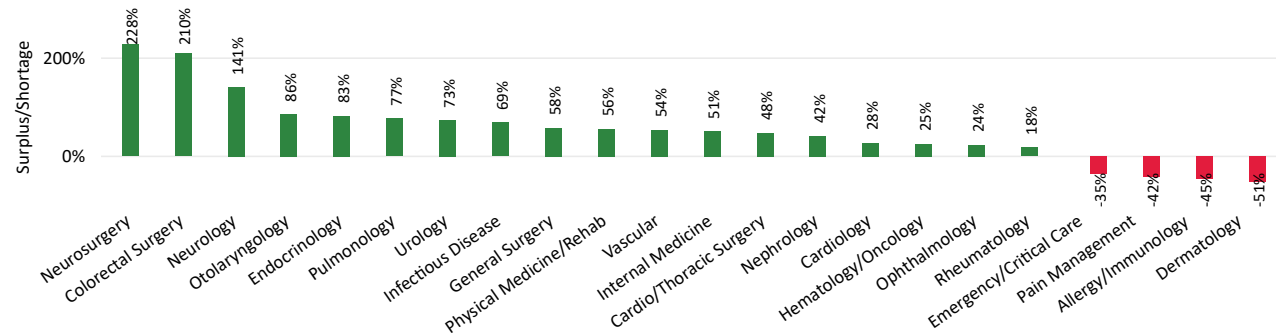
Supply ► Community Physician Current Supply & Demand

2018 FTE Supply and 2018 FTE Demand by Specialty*



● 2018 FTE Supply ● 2018 FTE Demand

Provider Surplus/Shortage vs. 2018 FTE Demand



*FTE net percentage of supply for specialties between -15% and 15% are not included given the FTE supply for those specialties are comparable to FTE demand

Note: FTE demand based on median productivity by specialty

Source: IBM Watson Market Expert

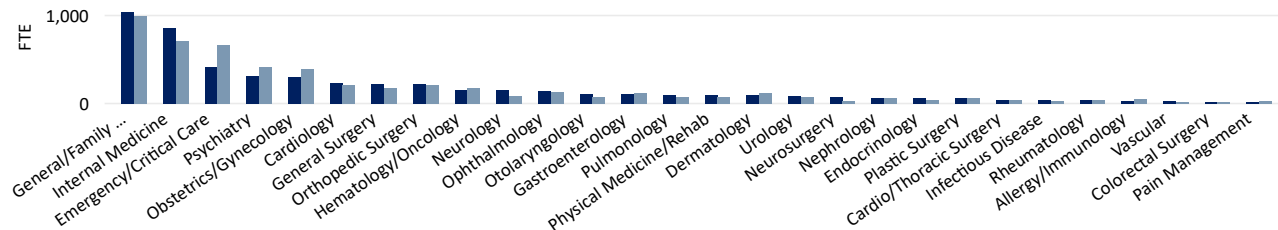
Specialty	2018 FTE Supply	2018 FTE Demand	Shortage/Surplus
1. Primary Care			
General/Family Practice	687	618	69
Internal Medicine	666	440	226
2. Specialty Care (Medical)			
Allergy/Immunology	16	28	-13
Cardiology	180	141	39
Dermatology	34	70	-36
Endocrinology	47	26	21
Gastroenterology	88	77	11
Hematology/Oncology	142	113	29
Infectious Disease	36	21	15
Nephrology	57	40	17
Neurology	133	55	77
Pulmonology	81	46	35
Rheumatology	26	22	4
3. Specialty Care (Surgical)			
Cardio/Thoracic Surgery	41	28	13
Colorectal Surgery	19	6	13
General Surgery	184	117	67
Neurosurgery	59	18	41
Ophthalmology	97	79	19
Orthopedic Surgery	137	131	6
Otolaryngology	88	47	41
Plastic Surgery	40	38	2
Urology	74	43	32
Vascular	22	14	8
4. Women's Health			
Obstetrics/Gynecology	207	243	-36
5. Mental Health			
Psychiatry	235	258	-22
6. Rehab			
Physical Medicine/Rehab	71	46	25
7. Emergency Services			
Emergency/Critical Care	309	476	-167
8. Other Services			
Pain Management	9	16	-7



VISN 10: Central Ohio Market — Columbus-Ohio

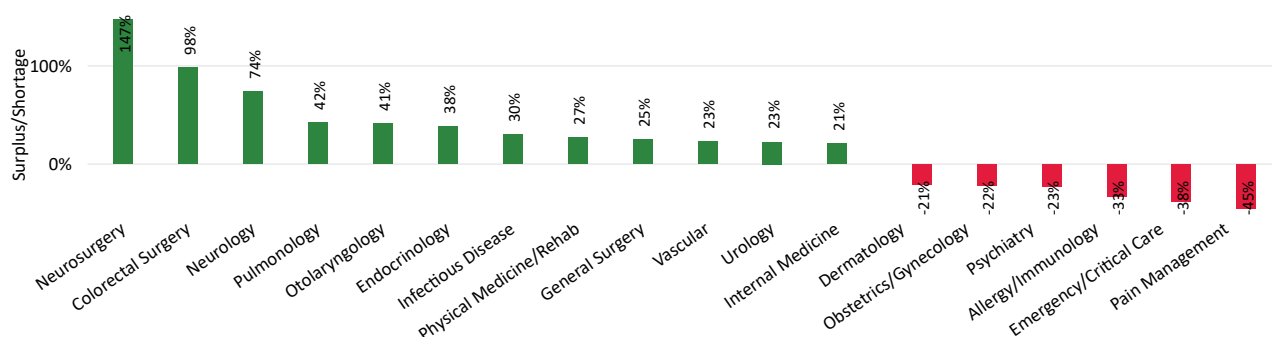
Supply ► Community Physician Current Supply & Demand

2018 FTE Supply and 2018 FTE Demand by Specialty*



● 2018 FTE Supply ● 2018 FTE Demand

Provider Surplus/Shortage vs. 2018 FTE Demand



*FTE net percentage of supply for specialties between -15% and 15% are not included given the FTE supply for those specialties are comparable to FTE demand

Note: FTE demand based on median productivity by specialty

Source: IBM Watson Market Expert

Specialty	2018 FTE Supply	2018 FTE Demand	Shortage/Surplus
1. Primary Care			
General/Family Practice	1,043	1,000	43
Internal Medicine	860	708	151
2. Specialty Care (Medical)			
Allergy/Immunology	32	48	-16
Cardiology	233	214	19
Dermatology	93	118	-25
Endocrinology	59	43	16
Gastroenterology	105	118	-13
Hematology/Oncology	156	177	-21
Infectious Disease	43	33	10
Nephrology	67	60	7
Neurology	154	88	65
Pulmonology	102	72	30
Rheumatology	35	36	-2
3. Specialty Care (Surgical)			
Cardio/Thoracic Surgery	44	42	2
Colorectal Surgery	19	10	10
General Surgery	221	177	44
Neurosurgery	70	28	42
Ophthalmology	139	130	9
Orthopedic Surgery	216	214	2
Otolaryngology	109	77	32
Plastic Surgery	59	58	0
Urology	85	70	16
Vascular	25	20	5
4. Women's Health			
Obstetrics/Gynecology	302	389	-87
5. Mental Health			
Psychiatry	317	410	-92
6. Rehab			
Physical Medicine/Rehab	93	73	20
7. Emergency Services			
Emergency/Critical Care	413	670	-256
8. Other Services			
Pain Management	14	25	-11



Supply ► Known Major Changes in Community Hospitals – Chillicothe-Ohio Area

Community Hospitals in the Chillicothe-Ohio Area

New Facilities/Capability/Residency

- OhioHealth has acquired Berger Hospital in Circleville in April 2019 and pledged to invest \$46 million over the next five years in capital improvements, debt assumption, physician recruitment, and employee training. (Article Date: 04/2019)
- Mount Carmel Health System opened a 210-bed hospital in Grove City in April 2019. The teaching hospital houses Mount Carmel's graduate education program and provides an emergency department, intensive care, maternity, oncology and palliative care services. (Article Date: 04/2019)

Mergers/Acquisitions/Partnerships

- Adena Health System and Fayette County Memorial Hospital (FCMH) signed an agreement effective October 1, 2018 which increased FCMH patient's access to Adena's specialty services. A new specialty clinic opened and provides Cardiology, Dermatology, Nephrology, Neurology, Ob/Gyn, and Urology. (Article Date: 05/2018)



Supply ► Known Major Changes in Community Hospitals – Columbus-Ohio Area

Community Hospitals in the Columbus-Ohio Area

New Facilities/Capability/Residency

- OhioHealth acquired Berger Hospital in Circleville in April 2019 and pledged to invest \$46 million over the next five years in capital improvements, debt assumption, physician recruitment, and employee training. (Article Date: 04/2019)
- Mount Carmel Health System opened a 210-bed hospital in Grove City in April 2019. The teaching hospital houses Mount Carmel's graduate education program and provides an emergency department, intensive care, maternity, oncology, and palliative care services. (Article Date: 04/2019)
- Mount Carmel Health opened a new freestanding Emergency Department in Franklinton on May 28, 2019. (Article Date: 05/2019)
- Fairfield Medical Center opened its new River Valley Campus in Lancaster on June 20, 2019. The campus houses a 12-bed emergency department, outpatient imaging and laboratory services, occupational and physical therapy services, women's health services, and a Fairfield Healthcare Professionals clinic. (Article Date: 05/2019)
- OhioHealth purchased 8.5 acres in Lexington to build a \$5 million, 10,000 square foot medical office for primary care, imaging, and labs to open in late fall 2019. (Article Date: 03/2019)
- Knox Community Hospital is building a four-story, \$45 million Family Care center in Mount Vernon, expected to open in early 2020. The center will include pediatric and Ob/Gyn services, cardiology, endocrinology, women's diagnostic imaging, and a new laboratory. (Article Date: 02/2019)
- Licking Memorial Hospital added urgent care facilities in downtown Newark, Granville and Pataskala. (Article Date: 02/2019)
- Mercy Health Springfield is opening the new Dayton Springfield Emergency Center later this year. It will be a free-standing 11,000 square foot emergency department with 10 exam rooms, a lab, imaging center, and radiology services. (Article Date: 07/2019)
- OhioHealth Grant Medical Center opened a 34-bed expansion in downtown Columbus for critical and immediate care in August 2018. (Article Date: 08/2018)

Mergers/Acquisitions/Partnerships

- TriHealth entered into a multimillion-dollar development agreement with Beacon Orthopedics to convert TriHealth Evendale Hospital into an orthopedic destination center, becoming the largest provider of orthopedic care in the Greater Cincinnati area. (Article Date: 02/2019)



Access ► **Current Access**



VISN 10: Central Ohio Market

Access ► Same Day Appointments (FY15-18)

Same Day Appointment Totals

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	2,603	986	924	790	2,175	2,294	2,257	2,794	5,139	3,499	3,288	3,213
(V10) (538GA) Athens-Ohio	94	82	72	74	987	1,033	818	824	137	108	84	95
(V10) (538GB) Portsmouth-Ohio	191	184	182	204	1,109	1,310	1,467	1,779	85	97	92	116
(V10) (538GC) Marietta	107	78	73	54	1,108	1,186	1,298	973	66	73	81	66
(V10) (538GD) Lancaster	104	116	125	103	1,225	1,345	1,437	1,120	139	95	84	89
(V10) (538GE) Cambridge-Ohio	120	99	157	74	984	1,099	1,105	1,112	72	67	82	92
(V10) (538GF) Wilmington-Ohio	N/A	N/A	12	25	N/A	N/A	234	460	N/A	N/A	1	6
Facility Total	3,219	1,545	1,545	1,324	7,588	8,267	8,616	9,062	5,638	3,939	3,712	3,677
(V10) (757) Columbus-Ohio	5,562	4,631	4,604	5,031	13,495	12,926	9,998	12,470	13,638	13,195	13,758	14,620
(V10) (757GA) Zanesville	160	79	70	191	677	668	664	904	52	46	42	91
(V10) (757GB) Grove City	78	37	39	102	471	540	439	710	140	174	213	191
(V10) (757GC) Marion-Ohio	66	72	70	111	785	747	927	1,009	60	55	62	102
(V10) (757GD) Newark-Ohio	62	50	45	94	534	572	857	1,325	161	144	198	361
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	N/A	N/A	34	41	5	N/A	N/A	N/A	N/A

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.1.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► Same Day Appointments (FY15-18), cont.

Same Day Appointment Totals

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (757QC) Columbus-Airport Drive	N/A	72	519	537	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Facility Total	5,928	4,941	5,347	6,066	15,962	15,487	12,926	16,423	14,051	13,614	14,273	15,365
Market Total	9,147	6,486	6,892	7,390	23,550	23,754	21,542	25,485	19,689	17,553	17,985	19,042

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.1.V10.CentralOhio#2



VISN 10: Central Ohio Market

Access ► Established Patient Appointments (FY15-18)

Average Established Patient Wait (Days) from Preferred Date (PD)

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(3V10) (538) Chillicothe, OH	1.3	3.1	3.4	3.0	6.2	8.9	5.2	2.9	7.4	7.0	8.5	9.7
(3V10) (538GA) Athens, OH	6.0	5.7	4.1	3.8	3.1	3.4	1.9	2.2	8.7	5.2	4.6	8.8
(3V10) (538GB) Portsmouth, OH	7.8	3.5	5.4	2.3	3.8	2.4	2.6	2.0	27.1	8.4	9.2	10.0
(3V10) (538GC) Marietta, OH	4.7	3.9	3.1	4.5	0.9	4.1	1.4	2.5	6.4	4.7	3.8	9.6
(3V10) (538GD) Lancaster, OH	6.2	6.6	5.0	5.1	5.9	7.0	3.0	2.5	11.7	10.5	10.5	6.5
(3V10) (538GE) Cambridge, OH	4.8	6.2	3.7	3.0	3.0	2.8	0.7	1.7	10.7	7.6	3.0	3.9
(3V10) (538GF) Wilmington, OH	N/A	N/A	4.8	3.9	N/A	N/A	1.3	2.9	N/A	N/A	1.4	6.1
(3V10) (757) Columbus, OH (Chalmers P. Wylie)	1.9	2.5	1.7	4.1	4.7	3.2	4.9	6.4	5.8	9.8	7.2	9.2
(3V10) (757GA) Zanesville, OH	1.5	4.0	1.8	17.2	3.5	7.5	8.4	8.9	6.4	12.6	6.3	10.5
(3V10) (757GB) Grove City, OH	2.1	3.3	7.2	6.3	4.0	1.3	1.8	3.5	1.6	3.4	2.1	2.7
(3V10) (757GC) Marion, OH	7.5	5.6	4.4	6.4	3.7	3.6	3.1	3.8	12.1	21.6	6.0	7.0
(3V10) (757GD) Newark, OH (Daniel L. Kinnard)	5.9	5.4	12.7	10.7	8.6	7.4	7.7	7.3	8.7	10.0	10.1	11.4
(3V10) (757QA) Columbus 1, OH - Mobile	N/A	N/A	N/A	N/A	N/A	0.0	0.0	N/A	N/A	N/A	N/A	N/A
(3V10) (757QC) Columbus-Airport Drive, OH	N/A	2.6	3.5	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
National Average	2.9	2.7	2.6	3.3	4.0	4.4	4.1	4.3	4.5	5.3	5.4	6.3

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.2.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► Established Patient Appointments (FY15-18), cont.

Established Patient Percent of Appointments Completed within 30 Days of Clinically Indicated/Patient Preference

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	99.0%	96.8%	96.9%	98.0%	94.1%	91.3%	96.1%	98.8%	91.1%	93.4%	91.5%	90.6%
(V10) (538GA) Athens-Ohio	96.6%	96.2%	98.2%	98.4%	99.0%	97.4%	99.8%	99.7%	89.6%	99.3%	97.8%	92.6%
(V10) (538GB) Portsmouth-Ohio	92.5%	98.0%	95.9%	98.3%	99.4%	99.8%	99.6%	99.2%	72.9%	96.3%	89.7%	86.7%
(V10) (538GC) Marietta	97.1%	98.2%	98.4%	95.3%	99.9%	97.5%	99.9%	98.7%	90.9%	95.3%	98.4%	87.3%
(V10) (538GD) Lancaster	93.7%	93.2%	95.8%	95.2%	95.1%	92.7%	99.4%	99.0%	83.9%	89.9%	85.0%	94.5%
(V10) (538GE) Cambridge-Ohio	94.9%	95.8%	99.6%	99.6%	99.4%	99.0%	100.0%	99.5%	86.5%	92.6%	96.8%	97.5%
(V10) (538GF) Wilmington-Ohio	N/A	N/A	98.7%	97.8%	N/A	N/A	99.8%	97.9%	N/A	N/A	100.0%	95.9%
(V10) (757) Columbus-Ohio	98.2%	97.9%	99.1%	96.1%	95.4%	97.5%	95.2%	94.5%	94.7%	89.9%	93.4%	91.2%
(V10) (757GA) Zanesville	99.8%	96.2%	98.5%	95.6%	99.1%	92.9%	90.8%	90.1%	95.9%	87.5%	96.1%	89.4%
(V10) (757GB) Grove City	99.3%	98.4%	92.1%	92.6%	97.1%	99.9%	99.7%	98.2%	99.8%	98.3%	99.7%	99.6%
(V10) (757GC) Marion-Ohio	91.8%	95.0%	96.4%	92.3%	97.9%	97.7%	99.2%	97.9%	90.0%	74.5%	98.1%	96.3%
(V10) (757GD) Newark-Ohio	98.2%	97.0%	85.6%	88.5%	95.2%	93.5%	92.1%	93.6%	96.8%	92.4%	93.2%	91.3%
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	N/A	N/A	100.0%	100.0%	N/A	N/A	N/A	N/A	N/A
(V10) (757QC) Columbus-Airport Drive	N/A	98.4%	96.4%	94.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
National Average	97.7%	98.2%	98.5%	97.6%	96.8%	96.8%	97.4%	97.2%	96.1%	95.3%	95.5%	94.5%

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.3.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► New Patient Appointments (FY15-18)

Average New Patient Average Wait (Days) from Create Date (CD)

Facility	Mental Health				Primary Care				Specialty Care			
	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(3V10) (538) Chillicothe, OH	3.2	15.3	13.4	12.4	19.3	23.7	20.2	9.4	20.0	18.1	19.1	20.3
(3V10) (538GA) Athens, OH	12.6	10.8	12.0	16.4	20.4	12.7	16.4	11.3	16.7	13.7	16.5	21.0
(3V10) (538GB) Portsmouth, OH	11.9	5.7	8.2	6.8	13.5	11.7	10.9	10.6	32.2	14.5	17.1	20.2
(3V10) (538GC) Marietta, OH	10.0	8.3	11.2	12.2	7.2	18.9	7.5	7.0	19.5	17.9	14.1	27.8
(3V10) (538GD) Lancaster, OH	24.7	16.0	10.9	18.3	23.3	15.8	10.3	9.3	24.3	21.6	26.6	25.9
(3V10) (538GE) Cambridge, OH	14.0	13.3	7.2	12.6	9.9	8.8	8.1	7.6	26.9	23.2	16.5	14.1
(3V10) (538GF) Wilmington, OH	N/A	N/A	15.2	10.7	N/A	N/A	7.6	5.9	N/A	N/A	18.5	17.8
(3V10) (757) Columbus, OH (Chalmers P. Wylie)	8.5	10.6	8.0	5.7	21.4	17.3	26.5	20.3	22.1	27.8	24.1	22.7
(3V10) (757GA) Zanesville, OH	6.9	18.4	24.0	12.2	22.4	34.9	35.7	23.6	31.0	38.9	16.9	29.5
(3V10) (757GB) Grove City, OH	20.1	25.7	45.6	38.6	23.7	11.1	18.3	14.3	15.1	28.0	14.1	12.9
(3V10) (757GC) Marion, OH	23.2	15.9	17.4	10.2	13.3	10.3	12.7	7.5	28.0	44.4	19.6	22.1
(3V10) (757GD) Newark, OH (Daniel L. Kinnard)	15.8	15.8	11.1	22.7	21.2	28.0	18.4	14.6	14.0	29.6	22.6	33.2
(3V10) (757QA) Columbus 1, OH - Mobile	N/A	N/A	N/A	N/A	N/A	0.6	1.3	0.3	N/A	N/A	N/A	N/A
(3V10) (757QC) Columbus-Airport Drive, OH	N/A	11.2	18.0	12.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
National Average	12.4	12.0	11.3	11.3	21.2	22.7	22.6	21.2	21.5	21.2	21.0	22.5

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.4.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► New Patient Appointments (FY15-18), cont.

Percent of New Patient Appointments Completed within 30 Days

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	98.4%	87.8%	93.6%	94.9%	77.5%	65.9%	72.7%	98.3%	77.7%	78.6%	78.5%	77.1%
(V10) (538GA) Athens-Ohio	91.8%	95.0%	98.5%	89.0%	87.6%	89.7%	91.9%	98.3%	83.6%	91.2%	84.2%	77.4%
(V10) (538GB) Portsmouth-Ohio	84.1%	97.4%	92.5%	95.6%	95.4%	98.4%	99.2%	96.5%	59.7%	92.8%	79.4%	71.8%
(V10) (538GC) Marietta	89.5%	99.0%	91.2%	90.5%	98.7%	78.6%	97.6%	100.0%	75.4%	82.2%	94.6%	58.6%
(V10) (538GD) Lancaster	64.0%	80.5%	93.0%	79.5%	79.3%	83.3%	97.4%	98.7%	63.8%	73.4%	56.9%	68.7%
(V10) (538GE) Cambridge-Ohio	82.5%	94.0%	100.0%	92.7%	99.1%	97.6%	97.5%	98.7%	66.8%	69.1%	77.9%	89.5%
(V10) (538GF) Wilmington-Ohio	N/A	N/A	81.8%	97.7%	N/A	N/A	97.6%	98.8%	N/A	N/A	92.9%	83.1%
(V10) (757) Columbus-Ohio	92.4%	88.8%	97.1%	97.0%	65.3%	83.6%	62.7%	71.7%	71.7%	60.2%	70.7%	72.8%
(V10) (757GA) Zanesville	95.4%	84.6%	64.5%	89.4%	78.3%	26.8%	36.8%	74.8%	41.0%	33.5%	90.1%	64.9%
(V10) (757GB) Grove City	83.6%	61.5%	45.9%	48.4%	68.2%	97.1%	82.4%	94.1%	91.6%	58.5%	87.8%	98.6%
(V10) (757GC) Marion-Ohio	70.9%	82.6%	78.3%	88.6%	95.3%	95.6%	97.1%	96.5%	64.4%	30.6%	82.5%	78.2%
(V10) (757GD) Newark-Ohio	96.5%	85.9%	92.6%	67.2%	80.3%	52.3%	83.3%	87.8%	93.4%	47.1%	74.6%	58.0%
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	N/A	N/A	100.0%	100.0%	100.0%	N/A	N/A	N/A	N/A
(V10) (757QC) Columbus-Airport Drive	N/A	100.0%	72.2%	88.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
National Average	90.1%	90.8%	91.2%	N/A	76.4%	73.2%	73.8%	N/A	75.2%	76.2%	76.3%	N/A

Note: (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

N/A: Not Available

Source: VSSC Completed Appointments Cube

8.5.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Access ► **Average Wait Time for Top 10 Consults – Chillicothe-Ohio**

Receiving Service Stop Code (Top 10 by FY18 Consults)	Receiving Facility	FY18 Consults	Average Days to Completed Consult
(303) CARDIOLOGY	(V10) (538) Chillicothe-Ohio	5,110	29.8
(409) ORTHOPEDICS/JOINT SURGERY	(V10) (538) Chillicothe-Ohio	1,942	24.4
(307) GASTROENTEROLOGY	(V10) (538) Chillicothe-Ohio	2,823	22.8
(312) PULMONARY/CHEST	(V10) (538) Chillicothe-Ohio	2,781	22.3
(205) PHYSICAL THERAPY	(V10) (538) Chillicothe-Ohio	3,108	10.1
(206) OCCUPATIONAL THERAPY	(V10) (538) Chillicothe-Ohio	3,035	9.8
(214) KINESIOTHERAPY	(V10) (538) Chillicothe-Ohio	2,190	7.1
(160) CLINICAL PHARMACY	(V10) (538) Chillicothe-Ohio	4,071	4.9
(180) DENTAL	(V10) (538) Chillicothe-Ohio	2,521	3.0
(718) DIABETIC RETINAL SCREENING	(V10) (538) Chillicothe-Ohio	3,446	1.3



VISN 10: Central Ohio Market — Columbus-Ohio

Access ► Average Wait Time for Top 10 Consults – Columbus-Ohio

Receiving Service Stop Code (Top 10 by FY18 Consults)	Receiving Facility	FY18 Consults	Average Days to Completed Consult
(307) GASTROENTEROLOGY	(V10) (757) Columbus-Ohio	6,151	66.2
(321) GI ENDOSCOPY	(V10) (757) Columbus-Ohio	4,225	49.2
(409) ORTHOPEDICS/JOINT SURGERY	(V10) (757) Columbus-Ohio	3,977	46.5
(304) DERMATOLOGY	(V10) (757) Columbus-Ohio	6,146	36.7
(421) VASCULAR LABORATORY	(V10) (757) Columbus-Ohio	3,955	29.8
(201) PM&RS PHYSICIAN	(V10) (757) Columbus-Ohio	10,311	29.6
(160) CLINICAL PHARMACY	(V10) (757) Columbus-Ohio	8,008	5.7
(180) DENTAL	(V10) (757) Columbus-Ohio	4,987	4.1
(107) EKG	(V10) (757) Columbus-Ohio	11,374	1.1
(408) OPTOMETRY	(V10) (757) Columbus-Ohio	17,423	0.9



VISN 10: Central Ohio Market — Chillicothe-Ohio

Access ► Longest Wait Time – Top 10 Consults

Receiving Service Stop Code	Receiving Facility	FY18 Consults	Average Days to Completed Consult (Top 10 Stop Codes)
(404) GYNECOLOGY	(V10) (538) Chillicothe-Ohio	114	79.1
(538) PSYCH TESTING	(V10) (538) Chillicothe-Ohio	277	70.5
(143) SLEEP STUDY	(V10) (538) Chillicothe-Ohio	878	62.5
(334) CARDIAC STRESS TEST	(V10) (538) Chillicothe-Ohio	6	59.4
(414) UROLOGY	(V10) (538) Chillicothe-Ohio	867	43.8
(104) PULMONARY FUNCTION	(V10) (538) Chillicothe-Ohio	519	41.8
(212) EMG - ELECTROMYOGRAM	(V10) (538) Chillicothe-Ohio	796	38.3
(203) AUDIOLOGY	(V10) (538) Chillicothe-Ohio	395	35.8
(420) PAIN CLINIC	(V10) (538) Chillicothe-Ohio	926	35.0
(401) GENERAL SURGERY	(V10) (538) Chillicothe-Ohio	449	34.2



VISN 10: Central Ohio Market — Columbus-Ohio

Access ► Longest Wait Time – Top 10 Consults

Receiving Service Stop Code	Receiving Facility	FY18 Consults	Average Days to Completed Consult (Top 10 Stop Codes)
(305) ENDOCRINOLOGY	(V10) (757) Columbus-Ohio	827	83.2
(306) DIABETES	(V10) (757) Columbus-Ohio	337	80.3
(143) SLEEP STUDY	(V10) (757) Columbus-Ohio	2,174	77.3
(106) EEG	(V10) (757) Columbus-Ohio	223	70.7
(302) ALLERGY IMMUNOLOGY	(V10) (757) Columbus-Ohio	447	69.9
(307) GASTROENTEROLOGY	(V10) (757) Columbus-Ohio	6,151	66.2
(313) RENAL/NEPHROL(EXCEPT DIALYSIS)	(V10) (757) Columbus-Ohio	555	64.7
(538) PSYCH TESTING	(V10) (757) Columbus-Ohio	301	62.7
(312) PULMONARY/CHEST	(V10) (757) Columbus-Ohio	1,240	62.2
(190)ADULT DAY HEALTH CARE (ADHC) (VA-BASED ADHC)	(V10) (757) Columbus-Ohio	153	54.4



VISN 10: Central Ohio Market — Chillicothe-Ohio

Access ► Estimated Capacity for Outpatient Workload

Primary Care PACT Teams											
VA Facility	FY18 Total Uniques	FY18 Total Encounters	FY18 Actual Primary Care (PC) Encounters		Count of Primary Care PACT Teams	Number of Teams at or over Capacity	Number of Teams at or under Capacity	Team PCP Capacity Total	Capacity Left	Panel Fullness	3rd Next Available Appt.
			Primary Care Encounters	Uniques							
(V10) (538) Chillicothe-Ohio	19,963	359,353	20,908	7,551	6	4	3	5,143	552	89.0%	3.4
(V10) (538GA) Athens-Ohio	2,184	18,705	4,725	1,759	1	1	0	797	-90	111.0%	4.0
(V10) (538GB) Portsmouth-Ohio	2,527	24,904	6,758	2,077	1	0	1	800	39	95.0%	2.4
(V10) (538GC) Marietta	1,972	12,496	4,649	1,506	1	0	1	1,208	402	67.0%	3.8
(V10) (538GD) Lancaster	3,194	22,095	6,431	2,656	1	0	1	1,194	193	84.0%	3.6
(V10) (538GE) Cambridge-Ohio	1,716	14,247	4,526	1,298	1	0	1	761	80	89.0%	3.1
(V10) (538GF) Wilmington-Ohio	999	6,821	2,783	964	N/A	N/A	N/A	N/A	N/A	N/A	4.6
(V10) (538QA) Chillicothe Mobile	65	65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



VISN 10: Central Ohio Market — Columbus-Ohio

Access ► Estimated Capacity for Outpatient Workload

Primary Care PACT Teams											
VA Facility	FY18 Total Uniques	FY18 Total Encounters	FY18 Actual Primary Care (PC) Encounters		Count of Primary Care PACT Teams	Number of Teams at or over Capacity	Number of Teams at or under Capacity	Team PCP Capacity Total	Capacity Left	Panel Fullness	3rd Next Available Appt.
			Primary Care Encounters	Uniques							
(V10) (757) Columbus-Ohio	39,435	665,489	60,944	21,882	20	9	11	18,386	855	95.0%	2.5
(V10) (757GA) Zanesville	3,652	25,454	8,184	3,204	1	0	1	1,145	115	90.0%	5.4
(V10) (757GB) Grove City	3,819	16,376	5,871	2,483	2	0	2	2,207	453	79.0%	1.9
(V10) (757GC) Marion-Ohio	3,120	20,630	6,452	2,695	2	1	1	1,812	106	94.0%	1.3
(V10) (757GD) Newark-Ohio	4,502	23,392	8,138	3,193	2	1	1	1,499	120	92.0%	4.4
(V10) (757QA) Columbus 1 Mobile	13	13	13	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(V10) (757QC) Columbus-Airport Drive	4,332	21,885	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



VISN 10: Central Ohio Market — Chillicothe-Ohio

Access ► Estimated Capacity for Outpatient Workload, cont.

Other Teams								
VA Facility	Tele Primary Care	HBPC	Women's Health	Geriatrics	Speciality	Academic	Other*	Total
(V10) (538) Chillicothe-Ohio	N/A	5	3	N/A	N/A	N/A	N/A	8
(V10) (538GA) Athens-Ohio	N/A	2	1	N/A	N/A	N/A	N/A	3
(V10) (538GB) Portsmouth-Ohio	N/A	3	2	N/A	N/A	N/A	N/A	5
(V10) (538GC) Marietta	N/A	N/A	1	N/A	N/A	N/A	N/A	1
(V10) (538GD) Lancaster	N/A	2	2	N/A	N/A	N/A	N/A	4
(V10) (538GE) Cambridge-Ohio	N/A	N/A	1	N/A	N/A	N/A	N/A	1
(V10) (538GF) Wilmington-Ohio	N/A	N/A	1	N/A	N/A	N/A	N/A	1



VISN 10: Central Ohio Market — Columbus-Ohio

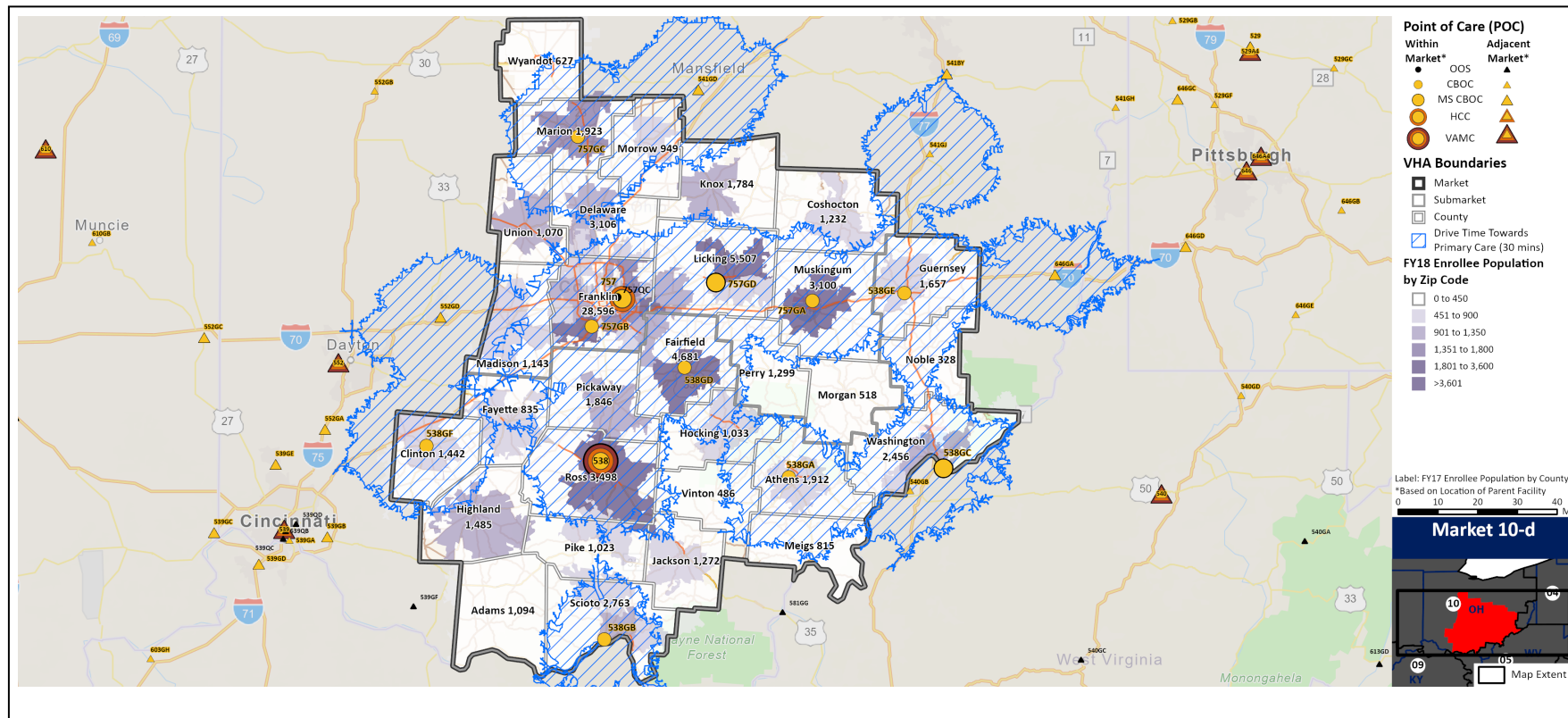
Access ► Estimated Capacity for Outpatient Workload, cont.

Other Teams								
VA Facility	Tele Primary Care	HBPC	Women's Health	Geriatrics	Speciality	Academic	Other*	Total
(V10) (757) Columbus-Ohio	N/A	3	7	1	N/A	N/A	5	16
(V10) (757GA) Zanesville	N/A	1	2	N/A	N/A	N/A	N/A	3
(V10) (757GB) Grove City	N/A	N/A	1	N/A	N/A	N/A	N/A	1
(V10) (757GC) Marion-Ohio	N/A	1	1	N/A	N/A	N/A	N/A	2
(V10) (757GD) Newark-Ohio	N/A	N/A	2	N/A	N/A	N/A	N/A	2



VISN 10: Central Ohio Market

Access ► Estimated 30 Minute Drive Time Zones



Source: Geocoded Enrollee File FY18Q4

8.9.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Access ► Clinic Utilization — Percent Slots Used of Total Slots

Facility	Mental Health				Primary Care				Specialty Care			
	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	59.0%	63.0%	60.0%	67.0%	69.0%	73.0%	65.0%	60.0%	76.0%	72.0%	71.0%	74.0%
(V10) (538GA) Athens-Ohio	87.0%	85.0%	78.0%	79.0%	80.0%	73.0%	74.0%	73.0%	82.0%	79.0%	67.0%	68.0%
(V10) (538GB) Portsmouth-Ohio	80.0%	82.0%	80.0%	77.0%	68.0%	66.0%	62.0%	59.0%	92.0%	86.0%	55.0%	63.0%
(V10) (538GC) Marietta	85.0%	85.0%	83.0%	86.0%	57.0%	77.0%	67.0%	70.0%	81.0%	75.0%	48.0%	65.0%
(V10) (538GD) Lancaster	79.0%	81.0%	81.0%	83.0%	72.0%	69.0%	63.0%	59.0%	94.0%	89.0%	67.0%	73.0%
(V10) (538GE) Cambridge-Ohio	78.0%	85.0%	79.0%	96.0%	66.0%	65.0%	60.0%	68.0%	84.0%	84.0%	53.0%	59.0%
(V10) (538GF) Wilmington-Ohio	-	-	56.0%	75.0%	-	-	47.0%	67.0%	-	-	12.0%	21.0%
(V10) (757) Columbus-Ohio	52.0%	68.0%	56.0%	35.0%	56.0%	64.0%	69.0%	54.0%	73.0%	80.0%	78.0%	55.0%
(V10) (757GA) Zanesville	42.0%	51.0%	40.0%	27.0%	82.0%	78.0%	73.0%	49.0%	77.0%	68.0%	68.0%	55.0%
(V10) (757GB) Grove City	82.0%	86.0%	73.0%	51.0%	53.0%	66.0%	70.0%	41.0%	75.0%	80.0%	75.0%	41.0%
(V10) (757GC) Marion-Ohio	54.0%	67.0%	48.0%	35.0%	68.0%	72.0%	56.0%	45.0%	72.0%	79.0%	80.0%	67.0%
(V10) (757GD) Newark-Ohio	82.0%	85.0%	53.0%	43.0%	74.0%	86.0%	79.0%	55.0%	82.0%	83.0%	83.0%	59.0%
(V10) (757QA) Columbus 1 Mobile	-	-	-	-	-	15.0%	49.0%	-	-	-	-	-
(V10) (757QC) Columbus-Airport Drive	-	75.0%	77.0%	60.0%	-	-	-	-	-	-	-	-

Note: Appointments cancelled within 45 days. (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

Source: VSSC Clinic Utilization Cube

8.10.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► Cancelled by Clinic Report

	Mental Health				Primary Care				Specialty Care			
Facility	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18	FY15	FY16	FY17	FY18
(V10) (538) Chillicothe-Ohio	2,144	1,664	1,887	1,659	2,882	1,731	1,572	1,548	5,137	6,129	7,568	6,790
(V10) (538GA) Athens-Ohio	317	198	242	168	483	372	303	356	203	228	145	199
(V10) (538GB) Portsmouth-Ohio	282	134	182	140	795	490	540	523	150	135	145	302
(V10) (538GC) Marietta	171	278	266	150	479	412	283	292	170	237	269	230
(V10) (538GD) Lancaster	347	261	384	252	809	534	600	494	208	156	362	139
(V10) (538GE) Cambridge-Ohio	233	296	294	139	462	339	316	435	79	180	199	144
(V10) (538GF) Wilmington-Ohio	N/A	N/A	70	62	N/A	N/A	80	86	N/A	N/A	3	10
(V10) (757) Columbus-Ohio	3,327	2,735	2,602	2,905	4,669	4,295	4,805	5,193	14,545	12,712	14,416	15,859
(V10) (757GA) Zanesville	380	356	377	379	607	719	610	638	159	52	56	202
(V10) (757GB) Grove City	235	212	160	245	680	592	762	491	199	176	194	232
(V10) (757GC) Marion-Ohio	331	260	312	250	753	586	611	509	68	30	57	116
(V10) (757GD) Newark-Ohio	306	231	261	242	742	654	790	765	335	292	334	324
(V10) (757QA) Columbus 1 Mobile	N/A	N/A	N/A	N/A	N/A	3	N/A	5	N/A	N/A	N/A	N/A
(V10) (757QC) Columbus-Airport Drive	N/A	369	1,646	1,388	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	8,073	6,994	8,683	7,979	13,361	10,727	11,272	11,335	21,253	20,327	23,748	24,547

Note: Appointments cancelled within 45 days. (757) Columbus-Ohio was piloting scheduling software (MASS) in FY18 resulting in potentially skewed data.

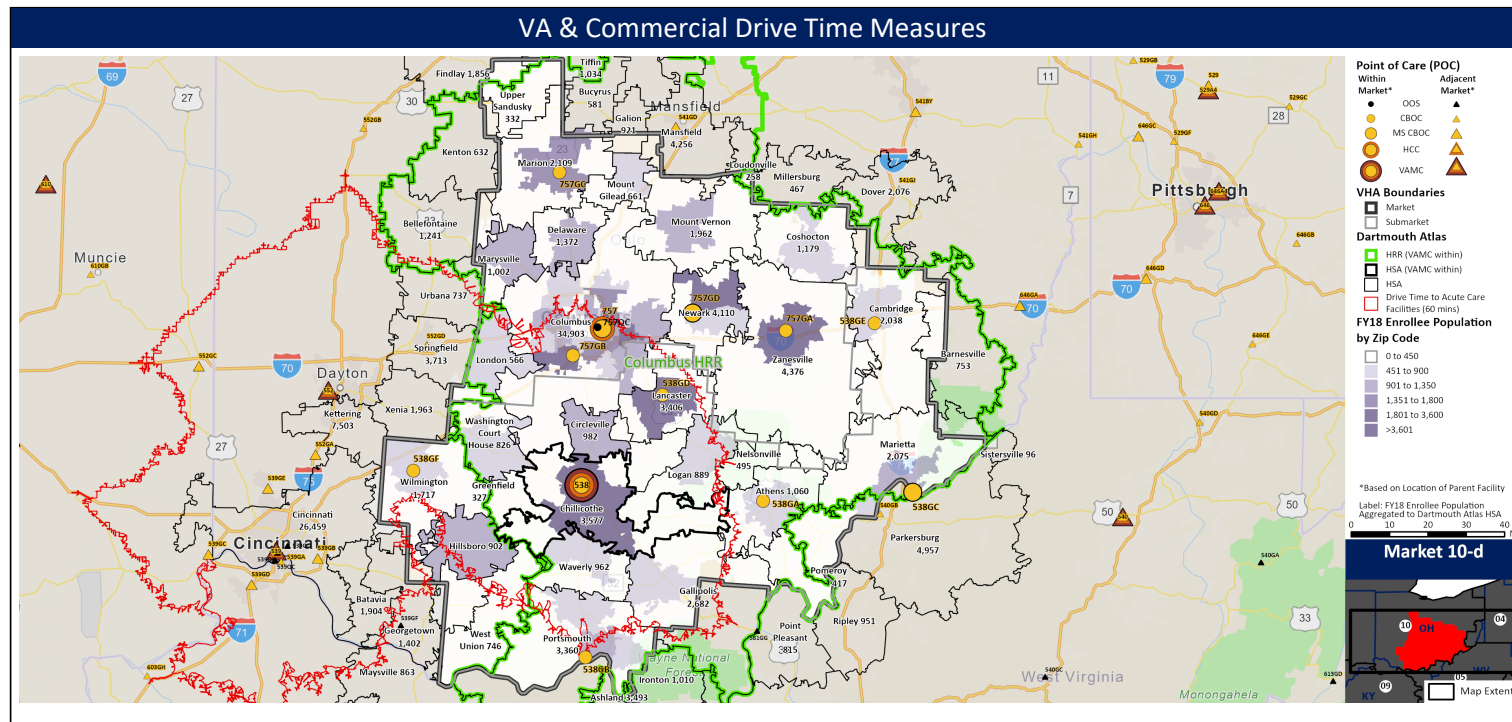
Source: VSSC No Show and Cancellation Cube

8.11.V10.CentralOhio



VISN 10: Central Ohio Market

Access ► Market/Parent Facility Existing VA Drive Times Assessment



Note: A Dartmouth Atlas Hospital Service Area (HSA) is a ZIP code-defined geography encompassing the community where the ZIP code's Medicare residents predominantly receive their hospital care. HSA total enrollees are displayed on map. A Dartmouth Atlas Hospital Referral Region (HRR) is a ZIP code-defined geography encompassing the community where the ZIP code's Medicare residents predominantly receive their cardiovascular and neurosurgery hospital care.



VISN 10: Central Ohio Market

Access ► Drive Time Summary

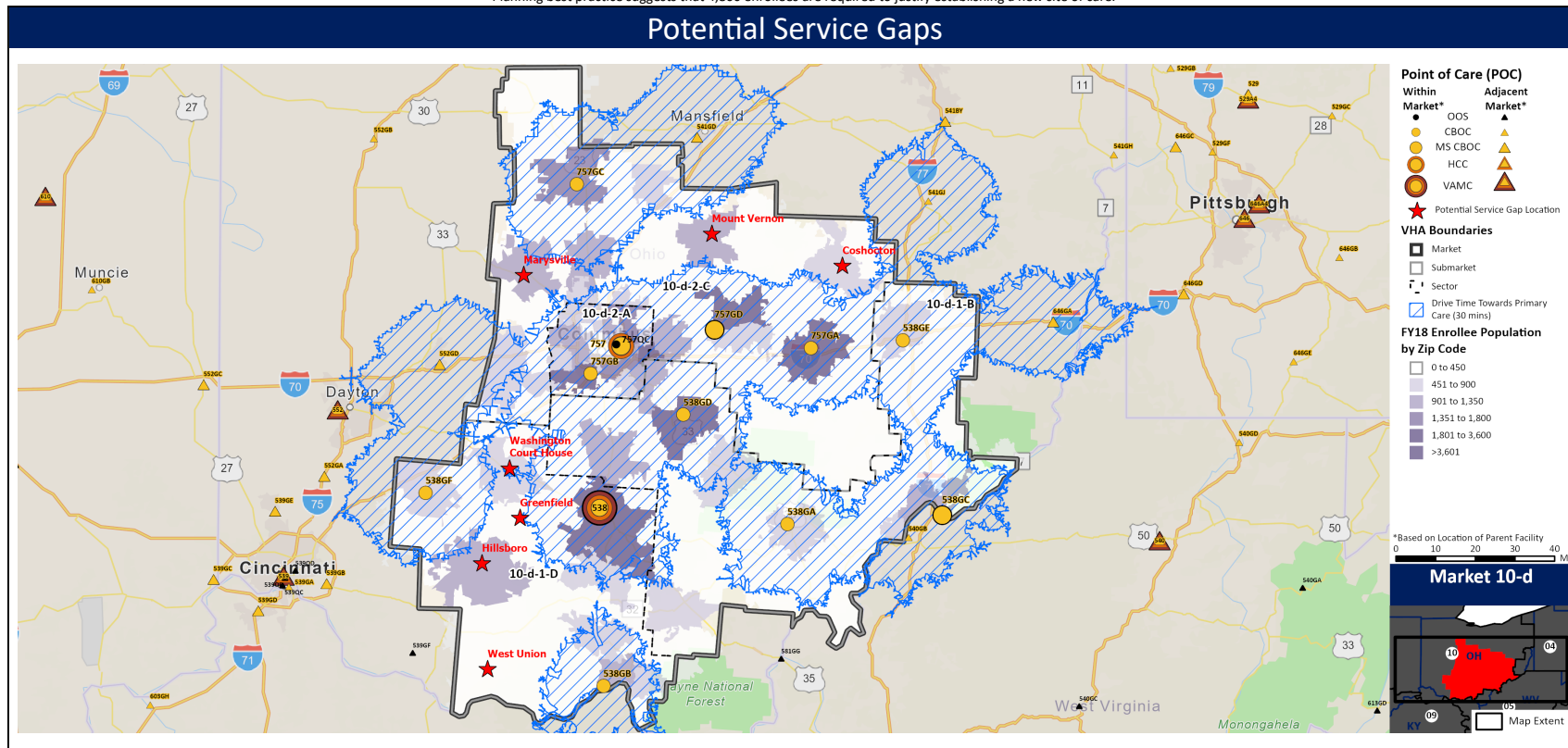
FY 2018	# of Total Enrollees	Primary Care				Secondary Care			
		# of enrollees within 30 minutes drive time	% of enrollees within 30 minutes	# of enrollees outside 30 minutes drive time	% of enrollees outside 30 minutes	# of enrollees within 60 minutes drive time	% of enrollees within 60 minutes	# of enrollees outside 60 minutes drive time	% of enrollees outside 60 minutes
(V10) Central Ohio	83,027	70,625	85.1%	12,402	14.9%	68,113	82.0%	14,914	18.0%



VISN 10: Central Ohio Market

Access ► Potential Service Gaps

Potential service gaps are areas identified by the Dartmouth Atlas in a Hospital Service Area (HSA). The medical community in these areas provides opportunities to consider different tactics to extend the VA network of care. Strategies for expansion might include telehealth, FQHC partnership, unique rural outreach, contracted provider(s), or a new VA asset. The following page shows the number of Enrollees that reside within a particular HSA. Planning best practice suggests that 4,800 enrollees are required to justify establishing a new site of care.



Source: 1. Dartmouth Atlas 2. Geocoded Enrollee File FY18Q4

8.14.V10.CentralOhio#IMG



VISN 10: Central Ohio Market

Access ► Potential Service Gaps, cont.

Potential service gaps are areas identified by the Dartmouth Atlas in a Hospital Service Area (HSA). The medical community in these areas provides opportunities to consider different tactics to extend the VA network of care. Strategies for expansion might include telehealth, FQHC partnership, unique rural outreach, contracted provider(s), or a new VA asset. The table below shows the number of Enrollees that reside within a particular HSA. Planning best practice suggests that 4,800 enrollees are required to justify establishing a new site of care.

Existing VA Point of Care	Potential Service Gaps	Enrollees	Areas with VA Points of Care	Atlas HSA	Enrollees
No Current Facility Within 30 Minute Drive Time	Mount Vernon	2,040	(V10) (538) Chillicothe-Ohio	Chillicothe	3,449
	Coshocton	1,200		Waverly	954
	West Union	864		Circleville	925
	Hillsboro	853	(V10) (538GA) Athens-Ohio	Athens	1,211
	Marysville	849		Nelsonville	643
	Washington Court House	698		Pomeroy	418
	Greenfield	314	(V10) (538GB) Portsmouth-Ohio	Portsmouth	3,240
			(V10) (538GC) Marietta	Marietta	2,164
			(V10) (538GD) Lancaster	Lancaster	2,999
				Logan	852
			(V10) (538GE) Cambridge-Ohio	Cambridge	2,020
			(V10) (538GF) Wilmington-Ohio	Wilmington	1,720
			(V10) (541GD) Mansfield	Mount Gilead	492
			(V10) (552GD) Springfield-Ohio	London	701
			(V10) (757GA) Zanesville	Zanesville	4,779
			(V10) (757GB) Grove City	Columbus	35,884
			(V10) (757GC) Marion-Ohio	Marion	2,132
				Delaware	1,343
				Upper Sandusky	356
			(V10) (757GD) Newark-Ohio	Newark	4,041



Quality & Satisfaction



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Feedback: Survey of Enrollees – Central Ohio Market

Category	Sub-Category	National	Central Ohio Market
Insurance (Reliance)	Have Private Insurance Plan	27.6 %	28.7 %
	Planned Use of VA as Primary Source of Care	40.5 %	44.6 %
	Uninsured	19.2 %	13.1 %
Satisfaction (Best Care Anywhere)	Appointments are Always/Nearly Always Easy to Get with VA	45.3 %	51.3 %
	Very Satisfied with Respect Given by Health Care Professionals	72.3 %	77.9 %
	Very Satisfied with the Ability to Get Referrals	32.4 %	58.4 %
Access (Choose VA)	Believes Care in the Community is Easier to Get to than VA (Answered Yes)	66.0 %	51.5 %
	Believes Care in the Community Quality is Better than VA (Answered Yes)	43.0 %	37.7 %
Internet Use (Telehealth Potential)	Internet Use to Look at Health Information (Answered Yes)	76.1 %	81.1 %
	Used Internet to Make Medical Appointments (Answered Yes)	36.5 %	36.1 %

1. Satisfaction denominator = enrolled Veterans who said they had used VA since January 1, 2016
2. Access denominator = enrolled Veterans who said they had used a provider other than VA for some or all of their care since January 1, 2016
3. The denominator for Internet Use = enrolled Veterans who said they used the internet at least occasionally



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Inpatient

	% Reported as Always										% Definitely Yes	% Strongly Agree	% 9 or 10	% Yes	
Facility	Survey Date	Care Coord.	Cleanliness of Hospital Env't.	Comm about Meds	Comm w/ Doctors	Comm w/ Nurses	Pain Mgmt.	Comm about Pain	Quietness Of Hospital Env't.	Hosp. Staff Responsiveness	Recom-mend Hospital	Care Transition	Hosp. Rating	Discharge Info	Shared Decision Making
(V10) (538) Chillicothe-Ohio	2015	48.0	82.9	58.2	66.1	74.2	55.5	N/A	61.9	64.4	67.1	46.6	64.3	85.2	74.8
(V10) (538) Chillicothe-Ohio	2016	53.7	85.5	68.1	72.5	78.3	60.4	N/A	68.8	67.8	69.3	53.7	73.9	87.3	70.3
(V10) (538) Chillicothe-Ohio	2017	47.3	85.1	65.5	73.0	80.4	53.5	N/A	61.7	64.2	71.5	54.8	74.3	87.6	75.2
(V10) (538) Chillicothe-Ohio	2018	58.3	78.2	60.5	72.9	80.4	N/A	51.3	61.8	60.2	66.4	49.1	71.0	86.2	75.4
VISN 10 Average	2015	51.5	70.5	60.9	72.9	73.0	60.7	N/A	51.6	57.6	64.6	49.3	65.8	86.4	74.1
VISN 10 Average	2016	53.4	72.9	63.1	74.1	74.4	59.8	N/A	53.7	60.3	66.8	51.2	67.4	88.2	75.6
VISN 10 Average	2017	53.4	73.5	63.3	75.6	76.0	60.6	N/A	52.5	59.5	68.3	51.9	67.8	87.8	75.8
VISN 10 Average	2018	54.5	71.8	65.5	75.4	76.6	N/A	59.1	52.8	60.4	70.1	52.7	69.6	88.3	76.7
National Average	2015	52.0	69.9	61.2	73.8	72.1	60.1	N/A	49.3	58.8	65.5	49.7	64.3	84.7	74.0
National Average	2016	53.2	70.0	61.9	74.7	73.1	60.1	N/A	49.8	59.7	65.8	50.8	65.2	85.3	75.3
National Average	2017	53.2	69.6	62.6	75.1	73.5	59.5	N/A	50.1	59.7	66.7	52.0	65.4	85.6	75.4
National Average	2018	54.2	70.4	63.4	75.7	74.6	N/A	57.9	51.4	61.0	66.9	51.9	66.2	86.2	75.5

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.2.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction ▶ VA Market Facility Trends – Access/Quality/Patient Satisfaction

Measure	Measure Unit	Preferred Direction	16Q3	17Q3	18Q3	18Q3 Median
Acute care mortality						
1. Acute care Standardized Mortality Ratio (SMR)	O/E	↓	1.006	0.939	0.946	0.822
2. Acute care 30-day Standardized Mortality Ratio (SMR30)	O/E	↓	1.076	0.805	0.977	0.923
a. AMI RSMR	%	↓				7.741
b. CHF RSMR	%	↓	7.029	7.029	6.836	6.843
c. Pneumonia RSMR	%	↓	7.107	7.107	8.546	9.351
d. COPD RSMR	%	↓			5.235	5.805
e. Stroke RSMR	%	↓				6.148
Avoidable adverse events						
1. In-hospital complications	O/E	↓	0.914	0.874	0.165	0.838
2. Healthcare associated infections (HAI)						
a. Catheter associated urinary tract infection	inf/1k device days	↓	0.000	0.000	0.000	0.467
b. Central line associated bloodstream infection	inf/1k device days	↓	0.000	0.000	0.000	0.364
c. Ventilator associated events (VAC Plus)	events/1k device days	↓				0
d. Methicillin-resistant Staphylococcus aureus (MRSA) infection	inf/1k bed days	↓	0.534	0.000	0.000	0.056
e. C. difficile infection	inf/10k bed days	↓			2.080	5.597
3. Patient safety indicator (PSI)	O/E	↓	0.825	1.047	1.077	0.36
4. Post acute care events	O/E	↓				0.924
Length of Stay and Utilization Management						
1. Adjusted length of stay	days	↓	4.460	4.007	5.100	4.324
2. Utilization management						
a. Admission reviews met, adjusted	%	↑	69.187	79.053	77.131	76.042
b. Continued stay reviews met, adjusted	%	↑	55.374	65.180	66.659	67.607
Care Transition						
1. Ambulatory Care Sensitive Condition hospitalizations	hosp/1000 pts	↓	32.480	30.614	33.641	25.055
2. Hospital-wide 30-day readmission rate	%	↓	12.802	8.380	10.747	11.458
a. Cardiorespiratory cohort	%	↓	19.430	10.993	11.635	12.922
b. Cardiovascular cohort	%	↓	15.690	6.511	11.013	10.095
c. Medicine cohort	%	↓	13.399	10.569	12.010	12.825
d. Neurology cohort	%	↓	7.500	6.587	5.931	8.987
e. Surgical cohort	%	↓				8.482
3. Disease specific 30-day readmission rate						
a. AMI RSRR	%	↓				16.753
b. CHF RSRR	%	↓	19.746	19.746	19.451	18.794
c. Pneumonia RSRR	%	↓	14.312	14.312	15.547	14.527
d. COPD RSRR	%	↓			16.427	15.365
e. Stroke RSRR	%	↓				10.046
Patient Experience						
1. Overall rating of hospital (inpatient)	wct %	↑	68.367	74.659	72.774	67.139
2. Overall rating of primary care providers	wct %	↑	61.901	70.123	75.036	70.75
3. Overall rating of specialty care providers	wct %	↑	65.754	68.447	70.894	69.166
4. Care Transition (inpatient)	wct %	↑			46.419	51.814
5. PCMH Stress Discussed (Q40)	wct %	↑			64.394	59.113



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction ► VA Market Facility Trends – Access/Quality/Patient Satisfaction, cont.

Measure	Measure Unit	Preferred Direction	16Q3	17Q3	18Q3	18Q3 Median
Employee Satisfaction						
1. Best place to work	score (1-100)	↑	50.96	66.812	72.93	65.152
a. Overall job satisfaction	score (1-5)	↑	3.44	3.805	3.942	3.82
b. Satisfaction with organization	score (1-5)	↑	3.13	3.613	3.805	3.616
c. Recommend my organization as a good place to work	score (1-5)	↑	3.474	3.789	3.94	3.833
2. Registered nurse turnover rate	%	↓	4.097	1.56	3.438	5.163
Performance measures						
1. Inpatient performance measures (ORXX)	%	↑	86.931	89.850	90.032	83.07
2. Outpatient performance measures (HED90_1)	wct %	↑			90.328	88.767
3. Outpatient performance measures (HED90_ec)	%	↑			78.469	78.367
Access						
1. PCMH / Specialty Care Access questions						
a. PCMH timely appointment, care and information	wct %	↑	61.267	55.186	60.197	53.032
b. Specialty Care timely appointment, care and information	wct %	↑		51.133	53.313	50.83
c. Days Waited for Urgent Appointment (PCMH)	wct %	↑	53.771	43.776	51.79	40.916
d. Get an urgent care appointment as soon as needed (SC)			39.280			
d. Get a routine care appointment as soon as needed (SC)			52.626			
2. Wait times						
a. Primary care new patient wait time <=30 days from create date	%	↑	93.639	95.116	96.83	80.444
b. Specialty care new patient wait time <=30 days from create date	%	↑	87.896	85.524	75.513	75.419
c. Mental health care new patient wait time <=30 days from create date	%	↑	97.086	95.911	93.269	92.311
3. Call center responsiveness						
a. Call center speed in responding to calls in seconds	seconds	↓	53.392	32.882	23.053	50.698
b. Call center abandonment rate	%	↓	10.980	6.503	2.861	6.704
Mental Health						
	Standardized score	↑	1.684	1.70	1.092	0.326
1. Population coverage	Standardized score	↑	2.790	1.805	0.806	-0.248
2. Continuity of care	Standardized score	↑	0.413	1.010	1.145	0.855
3. Experience of care	Standardized score	↑	0.485	0.905	0.455	0.066
Efficiency and Capacity						
1. Efficiency (1/SFA)	Score (0-100)	↑	93.815	93.545	92.960	94.096
2. Physician Capacity	%	↓		4.501	7.176	7.505

VAMC FY18 Star Rating: 4

Chillicothe VAMC Summary for all 3 Quarters			
Above Highest Benchmark of 10th or 90th Percentile	Superior	25	18%
Between Median and Favorable Percentile	Good	68	50%
Between Median and Unfavorable Percentile	Acceptable	34	25%
Below Lowest Benchmark of 10th or 90th Percentile	Needs Improvement	9	7%
Total		136	100%

Note: Performance Measures cited above represent composite measures. Some measures have changed, but appear to be relatively close to current measures and therefore are reported for periods shown (PCMH Timely Appointments, Days Waited for Urgent Appointment).

Source: SAIL Scorecards



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction ► VA Market Facility Trends – Access/Quality/Patient Satisfaction

Measure	Measure Unit	Preferred Direction	16Q3	17Q3	18Q3	18Q3 Median
Acute care mortality						
1. Acute care Standardized Mortality Ratio (SMR)	O/E	↓				0.822
2. Acute care 30-day Standardized Mortality Ratio (SMR30)	O/E	↓				0.923
a. AMI RSMR	%	↓				7.741
b. CHF RSMR	%	↓				6.843
c. Pneumonia RSMR	%	↓				9.351
d. COPD RSMR	%	↓				5.805
e. Stroke RSMR	%	↓				6.148
Avoidable adverse events						
1. In-hospital complications	O/E	↓				0.838
2. Healthcare associated infections (HAI)						
a. Catheter associated urinary tract infection	inf/1k device days	↓				0.467
b. Central line associated bloodstream infection	inf/1k device days	↓				0.364
c. Ventilator associated events (IVAC Plus)	events/1k device days	↓				0
d. Methicillin-resistant Staphylococcus aureus (MRSA) infection	inf/1k bed days	↓				0.056
e. C. difficile infection	inf/10k bed days	↓				5.597
3. Patient safety indicator (PSI)	O/E	↓				0.36
4. Post acute care events	O/E	↓				0.924
Length of Stay and Utilization Management						
1. Adjusted length of stay	days	↓				4.324
2. Utilization management						
a. Admission reviews met, adjusted	%	↑				76.042
b. Continued stay reviews met, adjusted	%	↑				67.607
Care Transition						
1. Ambulatory Care Sensitive Condition hospitalizations	hosp/1000 pts	↓	13.759	14.845	16.438	25.055
2. Hospital-wide 30-day readmission rate	%	↓				11.458
a. Cardiorespiratory cohort	%	↓				12.922
b. Cardiovascular cohort	%	↓				10.095
c. Medicine cohort	%	↓				12.825
d. Neurology cohort	%	↓				8.987
e. Surgical cohort	%	↓				8.482
3. Disease specific 30-day readmission rate						
a. AMI RSRR	%	↓				16.753
b. CHF RSRR	%	↓				18.794
c. Pneumonia RSRR	%	↓				14.527
d. COPD RSRR	%	↓				15.365
e. Stroke RSRR	%	↓				10.046
Patient Experience						
1. Overall rating of hospital (inpatient)	wct %	↑				67.139
2. Overall rating of primary care providers	wct %	↑	68.754	67.796	69.284	70.75
3. Overall rating of specialty care providers	wct %	↑	67.745	69.121	69.954	69.166
4. Care Transition (inpatient)	wct %	↑				51.814
5. PCMH Stress Discussed (Q40)	wct %	↑			53.253	59.113

Source: SAIL Scorecards

9.3.V10.CentralOhio.757



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction ► VA Market Facility Trends – Access/Quality/Patient Satisfaction, cont.

Measure	Measure Unit	Preferred Direction	16Q3	17Q3	18Q3	18Q3 Median
Employee Satisfaction						
1. Best places to work	score (1-100)	↑	69.071	68.935	65.636	65.152
a. Overall job satisfaction	score (1-5)	↑	3.783	3.900	3.769	3.82
b. Satisfaction with organization	score (1-5)	↑	3.654	3.744	3.581	3.616
c. Recommend my organization as a good place to work	score (1-5)	↑	3.880	3.832	3.886	3.833
2. Registered nurse turnover rate	%	↓	4.911	2.613	3.306	5.163
Performance measures						
1. Inpatient performance measures (ORYX)	%	↑				83.07
2. Outpatient performance measures (HED90_1)	wct %	↑			88.591	88.767
3. Outpatient performance measures (HED90_ec)	%	↑			81.431	78.367
Access						
1. PCMH / Specialty Care Access questions						
a. PCMH timely appointment, care and information	wct %	↑	57.211	47.595	44.505	53.032
b. Specialty Care timely appointment, care and information	wct %	↑		47.346	51.209	50.83
c. Days Waited for Urgent Appointment (PCMH)	wct %	↑	50.184	34.861	28.117	40.916
c. Get an urgent care appointment as soon as needed (SC)			42.529			
d. Get a routine care appointment as soon as needed (SC)			46.569			
2. Wait times						
a. Primary care new patient wait time <= 30 days from create date	%	↑	97.986	96.390	65.958	80.444
b. Specialty care new patient wait time <= 30 days from create date	%	↑	77.782	81.643	74.838	75.419
c. Mental health care new patient wait time <= 30 days from create date	%	↑	94.855	96.565	93.675	92.311
3. Call center responsiveness						
a. Call center speed in responding to calls in seconds	seconds	↓	213.988	42.611	37.053	50.698
b. Call center abandonment rate	%	↓	27.802	7.812	7.694	6.704
Mental Health						
	Standardized score	↑	1.041	0.684	1.248	0.326
1. Population coverage	Standardized score	↑	0.346	-0.535	-0.073	-0.248
2. Continuity of care	Standardized score	↑	1.106	1.077	1.552	0.855
3. Experience of care	Standardized score	↑	0.828	0.955	1.271	0.066
Efficiency and Capacity						
1. Efficiency (1/SFA)	Score (0-100)	↑	95.547	95.519	94.137	94.096
2. Physician Capacity	%	↓		2.599	3.369	7.505

HCC FY18 Star Rating: 4

Columbus HCC Summary for all 3 Quarters			
Above Highest Benchmark of 10th or 90th Percentile	Superior	9	13%
Between Median and Favorable Percentile	Good	34	49%
Between Median and Unfavorable Percentile	Acceptable	21	30%
Below Lowest Benchmark of 10th or 90th Percentile	Needs Improvement	5	7%
Total		69	100%

Note: Performance Measures cited above represent composite measures. Some measures have changed, but appear to be relatively close to current measures and therefore are reported for periods shown (PCMH Timely Appointments, Days Waited for Urgent Appointment).

Source: SAIL Scorecards



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (PCMH)

Facility	Survey Date	% Always				% 9 or 10	
		Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
(V10) (538) Chillicothe-Ohio	2015	42.9	N/A	67.1	71.5	59.2	N/A
(V10) (538) Chillicothe-Ohio	2016	56.8	56.0	74.8	78.3	61.6	N/A
(V10) (538) Chillicothe-Ohio	2017	55.5	59.2	76.9	76.0	69.7	N/A
(V10) (538) Chillicothe-Ohio	2018	66.5	70.4	83.3	81.9	76.2	87.7
(V10) (538GA) Athens-Ohio	2015	37.3	N/A	71.7	82.9	64.9	N/A
(V10) (538GA) Athens-Ohio	2016	50.1	64.6	76.7	82.2	72.3	N/A
(V10) (538GA) Athens-Ohio	2017	48.1	66.7	80.1	79.5	74.8	N/A
(V10) (538GA) Athens-Ohio	2018	51.6	60.8	77.9	81.3	75.9	84.6
(V10) (538GB) Portsmouth-Ohio	2015	31.0	N/A	69.5	68.8	61.2	N/A
(V10) (538GB) Portsmouth-Ohio	2016	58.1	66.3	86.4	78.0	81.1	N/A
(V10) (538GB) Portsmouth-Ohio	2017	58.2	64.9	87.4	78.0	80.7	N/A
(V10) (538GB) Portsmouth-Ohio	2018	61.6	72.6	91.9	78.1	85.7	92.2
(V10) (538GC) Marietta	2015	38.3	N/A	77.8	77.8	71.1	N/A
(V10) (538GC) Marietta	2016	51.5	61.2	75.9	77.0	71.8	N/A
(V10) (538GC) Marietta	2017	64.6	62.0	74.8	77.7	66.4	N/A
(V10) (538GC) Marietta	2018	57.8	67.8	80.7	74.7	74.5	86.5
(V10) (538GD) Lancaster	2015	31.4	N/A	64.3	77.0	59.0	N/A
(V10) (538GD) Lancaster	2016	43.3	49.7	70.9	76.5	59.1	N/A
(V10) (538GD) Lancaster	2017	51.1	54.2	73.7	76.0	64.1	N/A
(V10) (538GD) Lancaster	2018	48.4	55.6	74.6	75.7	62.3	81.4

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.4.V10.CentralOhio



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (PCMH), cont.

Facility	Survey Date	% Always				% 9 or 10	
		Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
(V10) (538GE) Cambridge-Ohio	2015	35.7	N/A	65.0	78.6	54.2	N/A
(V10) (538GE) Cambridge-Ohio	2016	60.4	65.4	82.2	81.4	77.0	N/A
(V10) (538GE) Cambridge-Ohio	2017	61.6	73.4	89.7	79.4	84.6	N/A
(V10) (538GE) Cambridge-Ohio	2018	69.3	74.2	90.6	80.7	85.3	87.5
(V10) (538GF) Wilmington-Ohio	2017	51.3	56.0	75.2	71.4	54.8	N/A
(V10) (538GF) Wilmington-Ohio	2018	67.6	61.7	78.5	81.1	67.0	87.1
(V10) (757) Columbus-Ohio	2015	35.4	N/A	70.9	62.5	64.2	N/A
(V10) (757) Columbus-Ohio	2016	47.7	57.7	75.7	65.4	67.2	N/A
(V10) (757) Columbus-Ohio	2017	45.1	55.1	73.2	66.1	66.3	N/A
(V10) (757) Columbus-Ohio	2018	38.6	51.4	75.2	72.1	61.9	81.6
(V10) (757GA) Zanesville	2015	38.5	N/A	80.2	75.1	71.8	N/A
(V10) (757GA) Zanesville	2016	50.2	62.2	81.5	74.7	80.1	N/A
(V10) (757GA) Zanesville	2017	51.6	63.3	80.7	77.5	78.5	N/A
(V10) (757GA) Zanesville	2018	53.4	66.3	82.5	80.8	72.1	85.0
(V10) (757GB) Grove City	2015	37.9	N/A	75.6	87.5	72.4	N/A
(V10) (757GB) Grove City	2016	54.5	62.0	78.4	82.4	73.6	N/A
(V10) (757GB) Grove City	2017	56.2	66.2	83.3	89.5	75.9	N/A
(V10) (757GB) Grove City	2018	48.8	60.6	75.2	85.7	67.1	80.4
(V10) (757GC) Marion-Ohio	2015	42.9	N/A	75.3	78.4	71.8	N/A
(V10) (757GC) Marion-Ohio	2016	65.6	61.1	82.4	83.1	77.9	N/A

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.4.V10.CentralOhio#2



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (PCMH), cont.

Facility	Survey Date	% Always				% 9 or 10	
		Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
(V10) (757GC) Marion-Ohio	2017	60.1	64.7	81.9	86.8	78.1	N/A
(V10) (757GC) Marion-Ohio	2018	64.3	64.4	79.7	82.0	78.5	85.9
(V10) (757GD) Newark-Ohio	2015	33.8	N/A	73.6	80.1	67.2	N/A
(V10) (757GD) Newark-Ohio	2016	44.4	64.5	83.3	83.9	73.6	N/A
(V10) (757GD) Newark-Ohio	2017	44.7	62.9	75.2	79.0	70.2	N/A
(V10) (757GD) Newark-Ohio	2018	48.4	64.6	81.4	81.9	74.3	88.3
VISN 10 Average	2015	38.6	N/A	71.6	67.9	66.4	N/A
VISN 10 Average	2016	51.3	59.7	76.8	72.0	69.7	N/A
VISN 10 Average	2017	50.8	60.3	76.9	73.1	71.1	N/A
VISN 10 Average	2018	52.4	60.9	78.4	73.1	70.9	82.9
National Average	2015	37.4	N/A	70.9	66.2	65.2	N/A
National Average	2016	49.2	58.4	75.6	69.1	68.1	N/A
National Average	2017	49.8	58.7	75.8	70.0	68.9	N/A
National Average	2018	51.3	60.1	77.1	71.0	69.7	80.3

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.4.V10.CentralOhio#3



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (Specialty Care)

Facility	Survey Date	% Always				% 9 or 10	
		Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
(V10) (538) Chillicothe	2016	45.1%	56.3%	67.7%	77.6%	60.3%	N/A
(V10) (538) Chillicothe	2017	52.6%	60.0%	75.1%	81.3%	68.1%	N/A
(V10) (538) Chillicothe	2018	53.6%	59.9%	76.7%	76.8%	68.6%	80.4%
(V10) (538GA) Athens-Ohio	2016	52.0%	57.0%	79.1%	82.8%	78.2%	N/A
(V10) (538GA) Athens-Ohio	2017	37.4%	52.4%	64.4%	85.6%	78.3%	N/A
(V10) (538GA) Athens-Ohio	2018	45.6%	62.7%	83.4%	73.5%	60.8%	78.2%
(V10) (538GB) Portsmouth	2016	79.8%	73.8%	85.9%	77.6%	76.8%	N/A
(V10) (538GB) Portsmouth	2017	52.0%	77.1%	89.2%	84.5%	85.4%	N/A
(V10) (538GB) Portsmouth	2018	49.5%	71.1%	71.2%	79.1%	60.5%	76.0%
(V10) (538GC) Marietta	2016	80.2%	54.4%	91.5%	69.6%	65.3%	N/A
(V10) (538GC) Marietta	2017	60.8%	79.8%	91.4%	80.0%	87.3%	N/A
(V10) (538GC) Marietta	2018	71.6%	67.6%	84.3%	82.5%	85.8%	93.7%
(V10) (538GD) Lancaster	2016	26.2%	55.5%	70.7%	84.8%	66.3%	N/A
(V10) (538GD) Lancaster	2017	41.6%	60.2%	80.6%	83.3%	63.2%	N/A
(V10) (538GD) Lancaster	2018	59.9%	54.6%	85.5%	85.6%	65.4%	97.7%
(V10) (538GE) Cambridge-Ohio	2016	47.2%	55.6%	85.9%	90.4%	76.0%	N/A
(V10) (538GE) Cambridge-Ohio	2017	48.7%	60.7%	82.7%	76.6%	79.4%	N/A
(V10) (538GE) Cambridge-Ohio	2018	78.4%	85.7%	93.7%	90.1%	89.7%	93.3%
(V10) (538GF) Wilmington-Ohio	2017	100.0%	100.0%	100.0%	100.0%	100.0%	N/A
(V10) (538GF) Wilmington-Ohio	2018	100.0%	66.7%	100.0%	100.0%	100.0%	N/A

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.5.V10.CentralOhio



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (Specialty Care), cont.

Facility	Survey Date	% Always				% 9 or 10	
		Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
(V10) (757) Columbus	2016	42.1%	55.5%	72.5%	68.1%	65.9%	N/A
(V10) (757) Columbus	2017	49.3%	60.8%	75.6%	70.7%	70.0%	N/A
(V10) (757) Columbus	2018	48.0%	57.9%	73.4%	73.3%	64.6%	80.2%
(V10) (757GA) Zanesville	2016	60.9%	57.1%	77.8%	78.9%	68.3%	N/A
(V10) (757GA) Zanesville	2017	82.5%	67.0%	86.0%	77.6%	83.8%	N/A
(V10) (757GA) Zanesville	2018	52.9%	57.9%	81.7%	81.0%	82.5%	93.1%
(V10) (757GB) Grove City	2016	52.0%	53.9%	75.1%	91.9%	67.8%	N/A
(V10) (757GB) Grove City	2017	73.9%	63.0%	83.6%	84.6%	87.3%	N/A
(V10) (757GB) Grove City	2018	38.4%	79.2%	90.5%	59.0%	73.2%	98.6%
(V10) (757GC) Marion-Ohio	2016	41.1%	54.8%	84.4%	86.1%	70.3%	N/A
(V10) (757GC) Marion-Ohio	2017	59.0%	71.6%	91.6%	94.6%	88.7%	N/A
(V10) (757GC) Marion-Ohio	2018	67.9%	65.4%	76.2%	83.4%	72.6%	95.9%
(V10) (757GD) Newark	2016	33.9%	64.0%	82.9%	89.3%	77.0%	N/A
(V10) (757GD) Newark	2017	60.9%	61.6%	82.3%	94.1%	68.1%	N/A
(V10) (757GD) Newark	2018	44.2%	65.2%	82.2%	91.2%	79.3%	86.8%
VISN 10 Average	2016	46.7%	54.8%	73.2%	71.0%	64.9%	N/A
VISN 10 Average	2017	49.9%	57.5%	75.3%	72.4%	68.6%	N/A
VISN 10 Average	2018	49.4%	58.8%	76.0%	73.3%	69.5%	83.2%
National Average	2016	47.3%	55.1%	73.2%	69.1%	65.4%	N/A
National Average	2017	48.7%	56.2%	74.2%	70.4%	66.8%	N/A

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.5.V10.CentralOhio#2



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Outpatient (Specialty Care), cont.

Facility	% Always					% 9 or 10	
	Survey Date	Access	Care Coordination	Communication	Office Staff	Overall Rating of Provider	Overall Satisfaction
National Average	2018	49.7%	57.1%	75.3%	71.7%	68.4%	81.0%

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.5.V10.CentralOhio#3



VISN 10: Central Ohio Market

Quality & Satisfaction ► VA Patient Satisfaction – Community Care

Facility	Survey Date	% 9 or 10	% Always								% Strongly Agree		% Very Satisfied or Satisfied
			Community Care Received	Communication	Provider Aware History	Provider Informed	VA Provider Informed	Next Step Clear	Test Follow-up	Test Result to VA	First Appt. Soon as Needed	First Appt. Easy to Get	
(V10) (538) Chillicothe-Ohio	2016	54.1	48.3	58.8	45.3	40.5	41.8	36.4	50.6	54.5	65.0	62.9	71.4
(V10) (538) Chillicothe-Ohio	2017	69.2	58.2	71.0	58.7	59.8	54.3	55.7	58.2	62.5	64.5	64.0	79.8
(V10) (538) Chillicothe-Ohio	2018	68.8	48.7	66.6	60.2	46.3	50.3	49.7	69.5	67.4	64.4	64.2	80.0
(V10) (757) Columbus-Ohio	2016	74.6	30.8	72.3	53.9	65.1	36.6	40.7	58.2	19.8	54.4	73.1	78.5
(V10) (757) Columbus-Ohio	2017	65.7	56.4	64.6	49.5	36.4	40.5	46.7	67.2	61.2	53.5	52.1	73.1
(V10) (757) Columbus-Ohio	2018	68.0	47.7	67.0	44.6	45.3	38.4	45.0	45.7	53.2	55.5	56.7	74.3
VISN 10 Average	2016	65.8	58.1	67.0	54.2	52.3	51.3	51.4	59.5	61.3	68.4	68.7	77.4
VISN 10 Average	2017	66.4	59.4	67.5	53.0	48.3	47.1	48.3	56.8	63.6	62.5	62.6	76.1
VISN 10 Average	2018	66.5	58.6	68.4	51.6	47.0	46.3	48.3	52.5	69.2	64.6	65.7	79.9
National Average	2016	58.8	50.4	63.7	47.0	42.2	41.0	42.7	51.6	59.6	59.9	59.8	71.7
National Average	2017	62.1	54.2	66.4	49.2	44.5	43.7	45.2	53.4	60.6	62.1	62.2	74.0
National Average	2018	64.5	55.3	68.0	51.0	45.7	44.8	47.0	54.9	62.5	66.0	66.1	76.9

Note: Green cells indicate a score at or above national average. Red cells indicate a score below national average.

Source: VSSC Patient Experiences Survey Reports

9.12.V10.CentralOhio



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction ► Quality of Community Hospitals – Chillicothe-Ohio Area

	OHIO STATE UNIVERSITY HOSPITALS	FAIRFIELD MEDICAL CENTER	GREENE MEMORIAL HOSPITAL	ADENA REGIONAL MEDICAL CENTER	DOCTORS HOSPITAL	BERGER HOSPITAL	HIGHLAND DISTRICT HOSPITAL	RIVERSIDE METHODIST HOSPITAL	HOLZER MEDICAL CENTER JACKSON	MOUNT CARMEL WEST (Closed IP Services)
Quality Rank for Overall Quality	1	2	3	4	5	6	7	8	9	10
Hospital Type	Acute	Acute	Acute	Acute	Acute	Acute	CAH	Acute	CAH	Acute
ACS - Trauma Center	Level I	No	Level III	No	No	No	No	Level II	No	No
Academic Medical Center	Yes	No	No	No	No	No	No	No	No	No
Quality Rank in the U.S. for Overall Quality	Best 20%	21-40%	21-40%	21-40%	21-40%	41-60%	41-60%	61-80%	61-80%	61-80%
CMS Hospital Star Rating	4	3	3	4	3	3	3	4	3	2
Truven Everest Award	No	No	No	No	No	No	No	No	No	No
Truven 100 Top Hospitals	No	No	No	No	No	No	No	No	No	No
Leapfrog Top Hospitals	No	No	No	No	No	No	No	No	No	No
US News & World Report Top Hospitals	Yes	No	No	No	No	No	No	Yes	No	No
Patients who gave their hospital a rating of 9 or 10 on a scale	74.0%	76.0%	77.0%	72.0%	67.0%	71.0%	71.0%	79.0%	62.0%	66.0%
Estimated Inpatient Surgeries	11,094	2,303	303	2,658	1,709	864	218	12,940	194	9,093
Estimated Outpatient Surgeries	20,234	8,934	627	7,513	4,701	5,215	1,401	9,329	1,528	10,629
ED Visits	127,834	57,041	22,483	55,715	82,653	29,230	18,355	98,561	10,425	132,056
Mortality Rate (AMI)	15.1%	14.2%	0.0%	13.4%	12.0%	0.0%	11.8%	13.5%	0.0%	13.6%
Mortality Rate (CHF)	9.1%	13.3%	11.1%	11.4%	10.7%	11.4%	13.4%	13.5%	11.4%	12.2%
Mortality Rate (Pneumonia)	11.5%	13.5%	15.8%	14.5%	12.2%	15.9%	18.0%	17.7%	16.0%	14.6%
Mortality Rate (COPD)	6.7%	8.1%	8.6%	8.5%	6.9%	9.8%	8.5%	11.7%	9.1%	9.4%
All Cause Hospital-Wide Readmission Rate	14.8%	16.2%	16.0%	15.1%	16.6%	14.7%	15.3%	14.6%	15.5%	16.0%
Readmission Rate (AMI)	15.1%	14.2%	0.0%	13.4%	12.0%	0.0%	11.8%	13.5%	0.0%	13.6%
Readmission Rate (CHF)	9.1%	13.3%	11.1%	11.4%	10.7%	11.4%	13.4%	13.5%	11.4%	12.2%
Readmission Rate (Pneumonia)	11.5%	13.5%	15.8%	14.5%	12.2%	15.9%	18.0%	17.7%	16.0%	14.6%
Readmission Rate (COPD)	6.7%	8.1%	8.6%	8.5%	6.9%	9.8%	8.5%	11.7%	9.1%	9.4%

Note: Data is reported by provider number and may include multi-campus hospitals reporting under a single provider number, N/A = Not Applicable

Source: 1. Best Care Report 2. Definitive Healthcare

9.6.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction ► Quality of Community Hospitals – Columbus-Ohio Area

	GRADY MEMORIAL HOSPITAL	OHIO STATE UNIVERSITY HOSPITALS	FAIRFIELD MEDICAL CENTER	MORROW COUNTY HOSPITAL	ADENA REGIONAL MEDICAL CENTER	MEMORIAL HOSPITAL	DUBLIN METHODIST HOSPITAL	MOUNT CARMEL ST ANN'S	DOCTORS HOSPITAL	MERCY HEALTH - URBANA HOSPITAL
Quality Rank for Overall Quality	1	2	3	4	5	6	7	8	9	10
Hospital Type	Acute	Acute	Acute	CAH	Acute	Acute	Acute	Acute	Acute	CAH
ACS - Trauma Center	No	Level I	No	No	No	No	No	No	No	No
Academic Medical Center	No	Yes	No	No	No	No	No	Yes	No	No
Quality Rank in the U.S. for Overall Quality	Best 20%	Best 20%	21-40%	21-40%	21-40%	21-40%	21-40%	21-40%	21-40%	41-60%
CMS Hospital Star Rating	5	4	3	3	4	4	3	3	3	3
Truven Everest Award	No	No	No	No	No	No	No	No	No	No
Truven 100 Top Hospitals	No	No	No	No	No	No	No	Yes	No	No
Leapfrog Top Hospitals	No	No	No	No	No	No	No	No	No	No
US News & World Report Top Hospitals	No	Yes	No	No	No	No	No	No	No	No
Patients who gave their hospital a rating of 9 or 10 on a scale	75.0%	74.0%	76.0%	70.0%	72.0%	73.0%	84.0%	76.0%	67.0%	70.0%
Estimated Inpatient Surgeries	526	11,094	2,303	164	2,658	436	2,204	3,072	1,709	16
Estimated Outpatient Surgeries	2,175	20,234	8,934	1,316	7,513	5,575	4,904	5,218	4,701	516
ED Visits	23,725	127,834	57,041	12,529	55,715	20,383	32,883	75,031	82,653	16,543
Mortality Rate (AMI)	0.0%	15.1%	14.2%	0.0%	13.4%	0.0%	0.0%	11.4%	12.0%	0.0%
Mortality Rate (CHF)	11.9%	9.1%	13.3%	11.0%	11.4%	13.8%	12.0%	11.8%	10.7%	15.6%
Mortality Rate (Pneumonia)	13.8%	11.5%	13.5%	16.4%	14.5%	16.5%	15.1%	12.2%	12.2%	16.3%
Mortality Rate (COPD)	7.8%	6.7%	8.1%	7.9%	8.5%	7.3%	8.8%	8.8%	6.9%	7.5%
All Cause Hospital-Wide Readmission Rate	14.1%	14.8%	16.2%	14.6%	15.1%	14.7%	15.3%	16.2%	16.6%	14.6%
Readmission Rate (AMI)	0.0%	15.1%	14.2%	0.0%	13.4%	0.0%	0.0%	11.4%	12.0%	0.0%
Readmission Rate (CHF)	11.9%	9.1%	13.3%	11.0%	11.4%	13.8%	12.0%	11.8%	10.7%	15.6%
Readmission Rate (Pneumonia)	13.8%	11.5%	13.5%	16.4%	14.5%	16.5%	15.1%	12.2%	12.2%	16.3%
Readmission Rate (COPD)	7.8%	6.7%	8.1%	7.9%	8.5%	7.3%	8.8%	8.8%	6.9%	7.5%

Note: Data is reported by provider number and may include multi-campus hospitals reporting under a single provider number, N/A = Not Applicable

Source: 1. Best Care Report 2. Definitive Healthcare

9.6.V10.CentralOhio.757



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction ► Awards and Recognition of Top Five Largest Community Hospitals* – Chillicothe-Ohio Area

Commercial Hospital Name	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	OhioHealth Grant Medical Center	Fairfield Medical Center	Adena Medical Center
Location	Columbus, OH	Columbus, OH	Columbus, OH	Lancaster, OH	Chillicothe, OH
High Performing Ranked Specialties/Programs	<ul style="list-style-type: none"> Cancer Cardiology & Heart Surgery Diabetes & Endocrinology Ear, Nose & Throat Geriatrics Gastroenterology & GI Surgery Nephrology Neurology & Neurosurgery Orthopedics Pulmonology & Lung Surgery Rehabilitation Urology 	<ul style="list-style-type: none"> Gastroenterology & GI Surgery Neurology & Neurosurgery Orthopedics Urology 	<ul style="list-style-type: none"> Nephrology 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A
High Performing Procedures/Conditions	<ul style="list-style-type: none"> Aortic Value Surgery COPD Colon Cancer Surgery Heart Bypass Surgery Heart Failure Joint Replacement (Hip and Knee) Lung Cancer Surgery 	<ul style="list-style-type: none"> Abdominal Aortic Aneurysm Repair Colon Cancer Surgery Heart Bypass Surgery Heart Failure Joint Replacement (Hip and Knee) 	<ul style="list-style-type: none"> COPD Colon Cancer Surgery Heart Failure Joint Replacement (Hip and Knee) 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> COPD Heart Failure
Notable Awards	<ul style="list-style-type: none"> U.S. News & World Report: Regionally Ranked Hospital #3 in Ohio and #1 in Columbus area The Leapfrog Group: Hospital Safety Grade "A" (2019) Healthgrades: America's 250 Best Hospitals (2019, 2017) 	<ul style="list-style-type: none"> U.S. News & World Report: Regionally Ranked Hospital #8 in Ohio, #2 in Columbus area, Recognized in Central Ohio The Leapfrog Group: Hospital Safety Grade "A" (2019) Healthgrades: America's 250 Best Hospitals (2019), America's 100 Best Hospitals for Cardiac Care Award (2019) 	<ul style="list-style-type: none"> U.S. News & World Report: Regionally Ranked Hospital #20 in Ohio, #4 in Columbus area, and Recognized in Central Ohio The Leapfrog Group: Hospital Safety Grade "A" (2019) 	<ul style="list-style-type: none"> American Heart Association/ American Stroke Association: Gold Plus Quality Achievement Award and Target: Stroke Honor Roll Elite Plus (2019) American Heart Association: Mission: Lifeline Gold Plus Award (2017) 	<ul style="list-style-type: none"> Healthgrades: America's 250 Best Hospitals (2019)

*As measured by total staffed beds. Excludes rehabilitation, psychiatric, and long term care facilities.

Note: N/A for High Performing Ranked Specialties/Programs and High Performing Procedures/Conditions indicates the hospital did not meet criteria or volume thresholds set by US News and World Report to be eligible for a rating/ranking.

N/A in for Notable Awards indicate the hospital did not list any care or service delivery awards website. Reflects information that was available as of July 29th, 2019.

Source: 1. US News and World Report Flagship Hospital Rankings 2. Hospital website

9.7.V10.CentralOhio.538



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction ► Awards and Recognition of Top Five Largest Community Hospitals* – Columbus-Ohio Area

Commercial Hospital Name	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	OhioHealth Grant Medical Center	Genesis Hospital	Mount Carmel St. Ann's Hospital
Location	Columbus, OH	Columbus, OH	Columbus, OH	Zanesville, OH	Westerville, OH
High Performing Ranked Specialties/Programs	<ul style="list-style-type: none"> • Cancer • Cardiology & Heart Surgery • Diabetes & Endocrinology • Ear, Nose & Throat • Geriatrics • Gastroenterology & GI Surgery • Nephrology • Neurology & Neurosurgery • Orthopedics • Pulmonology & Lung Surgery • Rehabilitation • Urology 	<ul style="list-style-type: none"> • Gastroenterology & GI Surgery • Neurology & Neurosurgery • Orthopedics • Urology 	<ul style="list-style-type: none"> • Nephrology 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • N/A
High Performing Procedures/Conditions	<ul style="list-style-type: none"> • Aortic Value Surgery • COPD • Colon Cancer Surgery • Heart Bypass Surgery • Heart Failure • Joint Replacement (Hip and Knee) • Lung Cancer Surgery 	<ul style="list-style-type: none"> • Abdominal Aortic Aneurysm Repair • Colon Cancer Surgery • Heart Bypass Surgery • Heart Failure • Joint Replacement (Hip and Knee) 	<ul style="list-style-type: none"> • COPD • Colon Cancer Surgery • Heart Failure • Joint Replacement (Hip and Knee) 	<ul style="list-style-type: none"> • COPD • Heart Failure 	<ul style="list-style-type: none"> • COPD
Notable Awards	<ul style="list-style-type: none"> • U.S. News & World Report: Regionally Ranked Hospital #3 in Ohio and #1 in Columbus area • The Leapfrog Group: Hospital Safety Grade "A" (2019) • Healthgrades: America's 250 Best Hospitals (2019, 2017) 	<ul style="list-style-type: none"> • U.S. News & World Report: Regionally Ranked Hospital #8 in Ohio, #2 in Columbus area, Recognized in Central Ohio • The Leapfrog Group: Hospital Safety Grade "A" (2019) • Healthgrades: America's 250 Best Hospitals (2019), America's 100 Best Hospitals for Cardiac Care Award (2019) 	<ul style="list-style-type: none"> • U.S. News & World Report: Regionally Ranked Hospital #20 in Ohio, #4 in Columbus area, and Recognized in Central Ohio • The Leapfrog Group: Hospital Safety Grade "A" (2019) 	<ul style="list-style-type: none"> • The Leapfrog Group: Hospital Safety Grade "A" (2019) 	<ul style="list-style-type: none"> • IBM Watson Health: Nation's 100 Top Teaching Hospitals (2018) • The Leapfrog Group: Hospital Safety Grade "A" (2019) • Healthgrades: America's 250 Best Hospitals (2019, 2018, 2017), America's 100 Best Hospitals for Cardiac Care Award (2019, 2018)

*As measured by total staffed beds. Excludes rehabilitation, psychiatric, and long term care facilities.

Note: N/A for High Performing Ranked Specialties/Programs and High Performing Procedures/Conditions indicates the hospital did not meet criteria or volume thresholds set by US News and World Report to be eligible for a rating/ranking.

N/A in for Notable Awards indicate the hospital did not list any care or service delivery awards website. Reflects information that was available as of July 29th, 2019.

Source: 1. US News and World Report Flagship Hospital Rankings 2. Hospital website

9.7.V10.CentralOhio.757



VISN 10: Central Ohio Market

Quality & Satisfaction



Quality of Top Community Hospital Outpatient Services

Hospital Outpatient Quality Reporting Program Overview

- The Hospital Outpatient Quality Reporting Program (Hospital OQR) is a pay for quality data reporting program implemented by the Centers for Medicare & Medicaid Services (CMS) for outpatient hospital services
 - ✓ Mandated by the Tax Relief and Health Care Act of 2006 by the Centers for Medicare & Medicaid Services to promote higher quality and more efficient health care for Medicare beneficiaries through measurement
- Subsection (d) hospitals that meet Hospital OQR Program requirements during a given calendar year receive a full OPPS payment update, also called the Outpatient Department (OPD) fee schedule increase factor, for the upcoming calendar year
- Eligible hospitals that do not participate or participate but fail to meet program requirements receive a two percentage point reduction of their annual payment update (APU) for the applicable payment year
- Hospitals must submit data for 26 quality measures:
 - ✓ 5 Cardiac Care Measures
 - ✓ 3 ED-Throughput Measures
 - ✓ 1 Pain Management Measures
 - ✓ 6 Imaging Efficiency Measures
 - ✓ 1 Stroke Measures
 - ✓ 9 Submitted Via a Web-Based Tool Measures
 - ✓ 1 Outcome Claims-Based Measures
 - ✓ Commercial Market Data & Analysis

For more information, including measure specifications and minimum case count requirements, see [CMS.gov](https://www.cms.gov)



VISN 10: Central Ohio Market

Quality & Satisfaction ► Quality of Top Community Hospital Outpatient Services, cont.

- In order to better compare outpatient quality between hospitals, the 21 outpatient quality measure were grouped into broader categories
- National outpatient data was also grouped following the same methodology and used as a benchmark comparison

Hospital Outpatient Quality Reporting Groupings			
Acute Myocardial Infarction / Chest Pain Measure Score	<ul style="list-style-type: none"> • OP-2: Fibrinolytic Therapy Received Within 30 Minutes of ED arrival (%) • OP-3: Median Time to Transfer to Another Facility for Acute Coronary Intervention (mins) • OP-5: Median Time to ECG (mins) 	ED - Throughput	<ul style="list-style-type: none"> • OP-18: Median Time from ED Arrival to ED Departure for Discharged ED Patients (mins) • OP-22: Left Without Being Seen (%)
		ED - Volume*	<ul style="list-style-type: none"> • EDV - Emergency Department Volume
Structural (Submitted Via a Web-based Tool)	<ul style="list-style-type: none"> • OP-12: The Ability for Providers with HIT to Receive Laboratory Data Electronically Directly into their ONC-Certified EHR System as Discrete Searchable Data (Y/N) • OP-17: Tracking Clinical Results between Visits (Y/N) • OP-29: Appropriate Follow-up Interval for Normal Colonoscopy in Average Risk Patients (%) • OP-30: Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use (%) • OP-31: Cataracts – Improvement in Patient's Visual Function within 90 days Following Cataract Surgery (survey) • OP-33 Facility 7-Day Risk-Standardized Hospital Visit Rate after Outpatient Colonoscopy 	Imaging Efficiency	<ul style="list-style-type: none"> • OP-8: MRI Lumbar Spine for Low Back Pain (%) • OP-9: Mammography Follow-up Rates (%) • OP-10: Abdomen CT-Use of Contrast Material (%) • OP-11: Thorax CT-Use of Contrast Material (%) • OP-13: Cardiac Imaging for Preoperative Risk Assessment for Non-Cardiac Low Risk Surgery (%) • OP-14: Simultaneous Use of Brain Computed Tomography (CT) and Sinus Computed Tomography (CT) (%)
Outcome Claims-Based	<ul style="list-style-type: none"> • OP-32 Facility 7-Day Risk-Standardized Hospital Visit Rate after Outpatient Colonoscopy • OP-35: Admissions and Emergency Department (ED) Visits for Patients Receiving Outpatient Chemotherapy** • OP-36: Hospital Visits after Hospital Outpatient Surgery** 	Stroke	<ul style="list-style-type: none"> • OP-23: Head CT or MRI Scan Results for Acute Ischemic Stroke or Hemorrhagic Stroke Patients who Received Head CT or MRI Scan Interpretation Within 45 minutes of ED Arrival (%)

This analysis is subjective in nature and is only meant to provide a directional opinion as to the current state of VA and non-VA providers in the market.

*ED volume (EDV) is not a Hospital OQR measure, but OP-18 and OP-22 national data are based on ED volumes.

**The first reporting period for OP-35 and -36 began January 1, 2018 and goes through December 31, 2018, for the CY 2020 payment determination. Data for these 2 measures have not made available by CMS and are not included in this analysis.



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction ► Key Quality Metrics of Top Five Largest Community Hospitals* – Chillicothe-Ohio Area

Outpatient Quality Category	Measure Name	Preferred Direction	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	Grant Medical Center	Fairfield Medical Center	Adena Regional Medical Center	National Rate
AMI / Chest Pain	OP-2: Fibrinolytic Therapy Received Within 30 Minutes of ED arrival (%)	High	N/A	N/A	N/A	N/A	N/A	59.0%
	OP-3: Median Time to Transfer to Another Facility for Acute Coronary Intervention (mins)	Low	N/A	N/A	N/A	N/A	N/A	62
	OP-5: Median Time to ECG (mins)	Low	N/A	N/A	10	8	8	8
Structural (Submitted Via a Web-Based Tool)	OP-12: Receive Laboratory Data Electronically Directly as Discrete Searchable Data (Y/N)	Yes	Yes	Yes	Yes	Yes	Yes	N/A
Outcome Claims-Based ED – Throughput	OP-17: Tracking Clinical Results between Visits (Y/N)	Yes	Yes	Yes	Yes	Yes	Yes	N/A
	OP-29: Appropriate Follow-up Interval for Normal Colonoscopy in Average Risk Patients (%)	High	85.0%	98.0%	96.0%	100.0%	95.0%	88.0%
	OP-30: Colonoscopy Interval for Patients with a History of Adenomatous Polyps ? Avoidance of Inappropriate Use (%)	High	96.0%	100.0%	95.0%	98.0%	100.0%	90.0%
	OP-31: Cataracts ? Improvement in Patient?s Visual Function within 90 days Following Cataract Surgery (survey)	High	N/A	N/A	N/A	N/A	N/A	95
	OP-33: External Beam Radiotherapy for Bone Metastases (%)	High	N/A	99.0%	100.0%	N/A	100.0%	86.0%
	OP-32: Facility 7-Day Risk-Standardized Hospital Visit Rate after Outpatient Colonoscopy	Low	15.8%	14.5%	14.4%	15.9%	13.3%	14.8%
	OP-18: Median Time from ED Arrival to ED Departure for Discharged ED Patients (mins)	Low	191	201	135	193	156	137
	OP-22: Left Without Being Seen (%)	Low	4.0%	0.0%	1.0%	2.0%	2.0%	2.0%
	EDV: Emergency Department Volume	N/A	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	High (40,000-59,999 patients annually)	High (40,000-59,999 patients annually)	N/A
	OP-8: MRI Lumbar Spine for Low Back Pain (%)	Low	44.2%	45.2%	51.3%	34.1%	45.4%	39.3%
Imaging Efficiency	OP-9: Mammography Follow-up Rates (%)	Low	11.1%	8.3%	7.3%	8.3%	5.1%	8.9%
	OP-10: Abdomen CT-Use of Contrast Material (%)	Low	9.1%	3.4%	2.6%	4.2%	2.2%	7.8%
	OP-11: Thorax CT-Use of Contrast Material (%)	Low	0.0%	1.4%	0.2%	0.0%	0.1%	1.5%
	OP-13: Cardiac Imaging for Preoperative Risk Assessment for Non Cardiac Low Risk Surgery (%)	Low	5.9%	5.0%	5.2%	6.3%	3.5%	4.6%
	OP-14: Simultaneous Use of Brain Computed Tomography (CT) and Sinus Computed Tomography (CT) (%)	Low	0.8%	0.9%	1.4%	0.9%	1.0%	1.1%
	OP-23: Head CT or MRI Scan Results Within 45 minutes of ED Arrival (%)	High	N/A	N/A	53.0%	93.0%	90.0%	73.0%

*As measured by total staffed beds **A rate of 8% - 14% is typically ideal for mammography follow-up rates N/A = Not available/reported Green: at/above National Rate



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction ► Key Quality Metrics of Top Five Largest Community Hospitals* – Columbus-Ohio Area

Outpatient Quality Category	Measure Name	Preferred Direction	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	Grant Medical Center	Genesis Hospital	Mount Carmel St Ann's	National Rate
AMI / Chest Pain	OP-2: Fibrinolytic Therapy Received Within 30 Minutes of ED arrival (%)	High	N/A	N/A	N/A	N/A	N/A	59.0%
	OP-3: Median Time to Transfer to Another Facility for Acute Coronary Intervention (mins)	Low	N/A	N/A	N/A	N/A	N/A	62
	OP-5: Median Time to ECG (mins)	Low	N/A	N/A	10	N/A	4	8
Structural (Submitted Via a Web-Based Tool)	OP-12: Receive Laboratory Data Electronically Directly as Discrete Searchable Data (Y/N)	Yes	Yes	Yes	Yes	Yes	Yes	N/A
	OP-17: Tracking Clinical Results between Visits (Y/N)	Yes	Yes	Yes	Yes	Yes	Yes	N/A
	OP-29: Appropriate Follow-up Interval for Normal Colonoscopy in Average Risk Patients (%)	High	85.0%	98.0%	96.0%	96.0%	89.0%	88.0%
	OP-30: Colonoscopy Interval for Patients with a History of Adenomatous Polyps ? Avoidance of Inappropriate Use (%)	High	96.0%	100.0%	95.0%	99.0%	87.0%	90.0%
	OP-31: Cataracts ? Improvement in Patient?s Visual Function within 90 days Following Cataract Surgery (survey)	High	N/A	N/A	N/A	N/A	N/A	95
	OP-33: External Beam Radiotherapy for Bone Metastases (%)	High	N/A	99.0%	100.0%	98.0%	92.0%	86.0%
	OP-32: Facility 7-Day Risk-Standardized Hospital Visit Rate after Outpatient Colonoscopy	Low	15.8%	14.5%	14.4%	13.8%	15.0%	14.8%
Outcome Claims-Based								
ED – Throughput	OP-18: Median Time from ED Arrival to ED Departure for Discharged ED Patients (mins)	Low	191	201	135	139	173	137
	OP-22: Left Without Being Seen (%)	Low	4.0%	0.0%	1.0%	2.0%	1.0%	2.0%
ED – Volume	EDV: Emergency Department Volume	N/A	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	Very High (60,000+ patients annually)	N/A
Imaging Efficiency	OP-8: MRI Lumbar Spine for Low Back Pain (%)	Low	44.2%	45.2%	51.3%	36.4%	N/A	39.3%
	OP-9: Mammography Follow-up Rates (%)	Low	11.1%	8.3%	7.3%	8.3%	8.4%	8.9%
	OP-10: Abdomen CT-Use of Contrast Material (%)	Low	9.1%	3.4%	2.6%	10.4%	3.1%	7.8%
	OP-11: Thorax CT-Use of Contrast Material (%)	Low	0.0%	1.4%	0.2%	1.5%	0.3%	1.5%
	OP-13: Cardiac Imaging for Preoperative Risk Assessment for Non Cardiac Low Risk Surgery (%)	Low	5.9%	5.0%	5.2%	3.0%	8.0%	4.6%
	OP-14: Simultaneous Use of Brain Computed Tomography (CT) and Sinus Computed Tomography (CT) (%)	Low	0.8%	0.9%	1.4%	1.9%	0.8%	1.1%
	OP-23: Head CT or MRI Scan Results Within 45 minutes of ED Arrival (%)	High	N/A	N/A	53.0%	82.0%	59.0%	73.0%

*As measured by total staffed beds **A rate of 8% - 14% is typically ideal for mammography follow-up rates N/A = Not available/reported Green: at/above National Rate



VISN 10: Central Ohio Market — Chillicothe-Ohio

Quality & Satisfaction



Outpatient Procedure Volumes of Top Five Largest Community Hospitals* – Chillicothe-Ohio Area

Outpatient Quality Category	Procedure Type	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	Grant Medical Center	Fairfield Medical Center	Adena Regional Medical Center
OP Surgical Procedure Volume	Gastrointestinal	21,799	4,823	2,451	5,840	5,674
	Eye	3,224	0	0	713	0
	Nervous System	424	493	700	42	413
	Musculoskeletal	3,537	181	2,727	1,277	1,372
	Skin	333	3,749	3,708	1,378	10,462
	Genitourinary	1,099	1,998	499	421	1,392
	Cardiovascular	4,082	2,467	1,163	924	358
	Respiratory	977	315	171	146	833
	Other	161	471	290	74	105
	Total	35,636	14,497	11,709	10,815	20,609

- Most hospital outpatient procedures (99%) fall into one of eight categories: Cardiovascular, Eye, Gastrointestinal, Genitourinary, Musculoskeletal, Nervous System, Skin, and Other (CMS.gov; green: at/above National Rate)
- Research has suggested higher procedure volumes are associated with lower costs and better quality (Advisory Board).

N/A = Not available/reported

*As measured by total staffed beds



VISN 10: Central Ohio Market — Columbus-Ohio

Quality & Satisfaction



Outpatient Procedure Volumes of Top Five Largest Community Hospitals* – Columbus-Ohio Area

Outpatient Quality Category	Procedure Type	Ohio State University Wexner Medical Center	OhioHealth Riverside Methodist Hospital	Grant Medical Center	Genesis Hospital	Mount Carmel St Anns
OP Surgical Procedure Volume	Gastrointestinal	21,799	4,823	2,451	7,865	1,586
	Eye	3,224	0	0	36	29
	Nervous System	424	493	700	279	134
	Musculoskeletal	3,537	181	2,727	625	260
	Skin	333	3,749	3,708	4,118	956
	Genitourinary	1,099	1,998	499	782	244
	Cardiovascular	4,082	2,467	1,163	1,021	470
	Respiratory	977	315	171	133	8
	Other	161	471	290	180	176
	Total	35,636	14,497	11,709	15,039	3,863

- Most hospital outpatient procedures (99%) fall into one of eight categories: Cardiovascular, Eye, Gastrointestinal, Genitourinary, Musculoskeletal, Nervous System, Skin, and Other (CMS.gov; green: at/above National Rate)
- Research has suggested higher procedure volumes are associated with lower costs and better quality (Advisory Board).

N/A = Not available/reported

*As measured by total staffed beds



Facilities



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Inpatient Campus Snapshot

Facility Name: Chillicothe-Ohio

Facility Complexity Level (2017): High-1C

FY18 Core Facility Uniques (VAMC only): 20,499

**REAL PROPERTY OVERVIEW**

Acres available	97
Main Patient Care Facility Construction Date	1938
Most Recent Renovation Date (Main Hospital Building)	2012
BGSF (campus total)	1,125,166 sq. ft
DGSF (direct patient care)	377,781 sq. ft 34.0% of BGSF
Property Size	308 acres 97 acres available**
Annual Operations and Maintenance Cost	\$10,891,607
Total 10-Year Capital Investment*	\$154,221,126
Facilities Conditions Assessment Deficiencies	\$83,329,147 \$4,065/Unique
Seismic Risk	Low Risk
Operational Leases	8 Leases \$893,830 total annual cost 49,082 total NUSF

* Sum of Major and Minor Con. and NRM spending

** Provides an indication of any excess or surplus land, not currently in use and with no plans for future expansion needs that could be used for future development.



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Inpatient Campus and Outpatient Care Locations

Inpatient
Campus:

Facility Data - Chillicothe			
Building Gross Sq. Ft. (campus total)	Annual Operations and Maintenance Cost (per sq. ft.)	Operating Beds (Reported by Field)	
		Acute Beds ¹	Other Beds ²
1,125,166	\$9.68	55	240

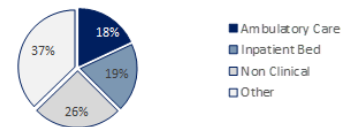
Outpatient
Care
Locations:

Facility Name ³	Ambulatory Care SF
Chillicothe VA Medical Center	167,562
Athens CBOC	9,887
Marietta OH CBOC	9,799
Portsmouth CBOC	8,950
Cambridge CBOC	5,930
Lancaster OH CBOC	5,907
Athens Home Based Primary Care Program	1,286
Wilmington CBOC	1,177
Portsmouth Home Based Primary Care Program	800

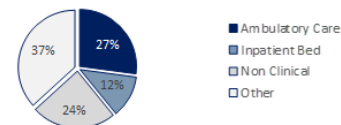
Facility
Metrics:

	Chillicothe	VISN Average	VHA Average
Campus SF	1,125,166	967,393	828,121
Core Facility Uniques	20,499	40,042	36,243
Campus SF/Core Facility Uniques	55	24	23
Current FCA Backlog	\$83,329,147	\$75,768,821	\$123,141,990
FCA Backlog/Core Facility Uniques	\$4,065	\$1,892	\$3,398

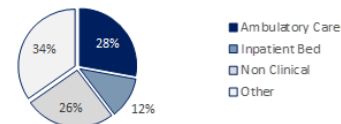
Chillicothe Space Distribution



VISN 10 Space Distribution



VHA Space Distribution



1. Includes Acute Psych, Medicine, and Surgical Beds

2. Includes Spinal Cord, Blind Rehab, CLC, DRRTP, and Intermediate Beds

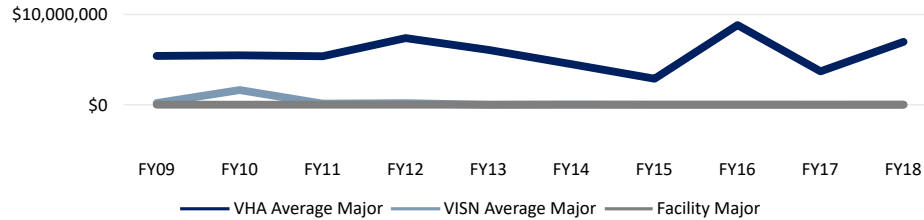
3. Only reflects SF related to VA owned and leased fixed facilities



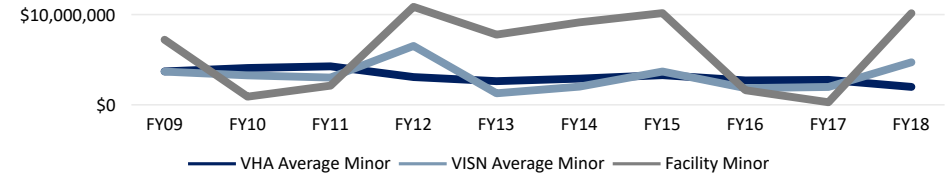
VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Investment – Chillicothe-Ohio

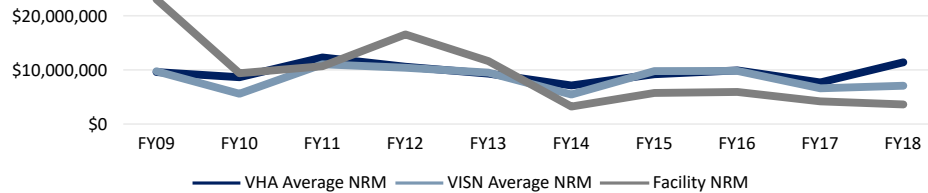
Major Construction Funding



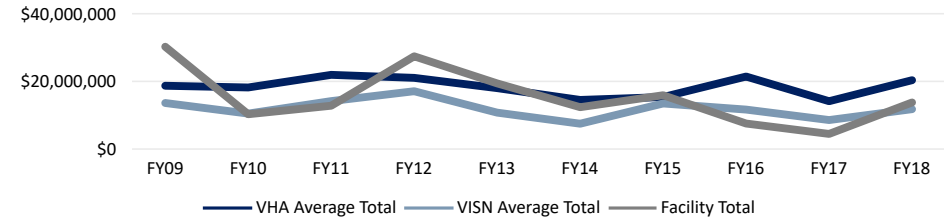
Minor Construction Funding



NRM Funding



Total Construction Funding



	Facility	VISN Average	VHA Average
FCA Backlog/SF**	\$74	\$86	\$139
Current FCA Backlog	\$83,329,147	\$75,768,821	\$123,886,618
Investment/SF**	\$137	\$123	\$155
Total 10-Year Capital Investment*	\$154,221,126	\$119,117,944	\$137,521,745
Owned SF	1,125,166	968,419	886,486

*Sum of Major and Minor Con. and NRM spending **Total 10-Year Capital Investment and Current FCA Backlog Divided by Owned SF

Source: CAI Buildings and FCA Red Green Reports 9-7-2019; FMS 830 837, Accounts 110, 111, and 162 (Cost Center 8542, BOC 32XX, (less BOC 3222 and BOC 3224))

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VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Site Plan

Chillicothe-Ohio





VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Building Inventory (Owned)

Chillicothe-Ohio												
Function Title	Current Use	Year Built	Building Gross Sq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Cost of FCA Deficiencies*	Full Replacement Cost	Historical Status	Seismic Risk
Total			1,125,166	167,562	210,219	273,085	274,290	200,010	\$73,639,706	\$709,728,057		
Ambulatory Clinics (31)	Outpatient F...	1938	145,630	56,417	0	12,968	58,522	17,723	\$8,057,474	\$104,264,027	Listed	Exempt
Clinical/NHCU (211)	Hospital	1945	106,502	8,170	69,258	12,664	16,410	0	\$481,871	\$65,617,409	Listed	Exempt
Clinical/NHCU (210)	Hospital	1945	81,812	6,663	61,739	562	12,848	0	\$257,511	\$51,283,949	Listed	Exempt
Dom/MH/Office (35)	Hospital	1939	73,978	15,134	29,881	14,952	14,011	0	\$7,780,577	\$49,863,424	Listed	Exempt
Mental Health (26)	Hospital	1932	70,762	0	0	0	0	70,762	\$3,990,402	\$45,890,218	Listed	Exempt
Offices (1)	Office	1923	56,078	2,701	0	35,461	17,916	0	\$3,147,770	\$36,480,110	Listed	Exempt
Dom (24)	Hospital	1929	50,670	4,005	30,399	6,670	9,596	0	\$6,233,846	\$32,511,596	Listed	Exempt
Clinics (27)	Outpatient F...	1932	46,591	22,824	0	10,826	12,941	0	\$5,348,418	\$33,021,043	Listed	Exempt
Inpatient Medical (30)	Hospital	1938	45,943	10,086	18,942	4,928	11,987	0	\$5,043,643	\$35,190,055	Listed	Exempt
Food Service (7)	Institutional	1923	43,684	0	0	34,796	8,888	0	\$5,749,265	\$32,686,951	Listed	Exempt
Office (212)	Office	1945	38,900	2,861	0	25,708	9,842	489	\$1,361,331	\$25,902,134	Listed	Exempt
Warehouse (23)	Warehouses	1923	24,545	0	0	23,803	742	0	\$546,022	\$15,961,417	Listed	Exempt
Rehab Clinics (3)	Outpatient F...	1923	21,896	19,574	0	0	2,322	0	\$1,836,227	\$15,254,239	Listed	Exempt
Auditorium (9)	Institutional	1923	21,007	0	0	7,203	13,804	0	\$2,102,909	\$13,720,855	Listed	Exempt
Offices (18)	Office	1923	19,074	135	0	14,129	4,810	0	\$1,365,998	\$12,560,575	Listed	Exempt
Canteen and Offices (28)	Institutional	1932	18,571	4,858	0	11,156	2,557	0	\$3,717,327	\$12,656,416	Listed	Exempt
Gymnasium (247)	Institutional	1959	17,368	0	0	0	17,368	0	\$369,004	\$11,263,409	Non-Cont. ele. of Landmar...	Exempt
Boiler Plant (261)	Industrial	2011	16,166	0	0	0	16,166	0	\$17,333	\$10,483,893	Not Historic	Exempt
Vacant (6)	Office	1923	16,000	0	0	0	0	16,000	\$0	\$2,400,000	Listed	Exempt

*Project Costs to remediate FCAs vary significantly, from below assessed value to more than 3 times the value **“Non-Contributing” is a non-contributing element of a landmark or listed district



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Building Inventory (Owned), cont.

Chillicothe-Ohio												
Function Title	Current Use	Year Built	Building Gross Sq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Cost of FCA Deficiencies*	Full Replacement Cost	Historical Status	Seismic Risk
Vacant (2)	Office	1923	16,000	0	0	0	0	16,000	\$19,693	\$2,400,000	Listed	Exempt
Vacant (4)	Office	1923	15,418	0	0	0	0	15,418	\$19,912	\$2,312,700	Listed	Exempt
Connecting Corridors (CC)	Institutional	1949	13,965	0	0	0	13,965	0	\$521,096	\$9,056,512	Non-Cont. ele. of Landmar...	Exempt
Vacant (5)	Institutional	1923	13,558	0	0	0	0	13,558	\$0	\$2,033,700	Listed	Exempt
Linen Service (25)	Service	1929	13,226	0	0	3,740	0	9,486	\$2,137,301	\$8,577,259	Listed	Exempt
Fire Department (259)	Service	1970	11,129	0	0	0	11,129	0	\$280,947	\$7,217,323	Non-Cont. ele. of Landmar...	Exempt
Engineering Offices (21)	Office	1923	10,425	0	0	10,425	0	0	\$685,536	\$6,760,769	Listed	Exempt
Greenhouse (52)	Institutional	1929	7,759	7,759	0	0	0	0	\$131,123	\$5,355,533	Listed	Exempt
Engineering Shops (20)	Service	1923	7,524	0	0	7,524	0	0	\$1,204,891	\$4,879,427	Listed	Exempt
Vacant (11)	Office	1923	7,180	0	0	0	0	7,180	\$0	\$1,077,000	Listed	Exempt
Vacant (10)	Office	1923	6,750	0	0	0	0	6,750	\$0	\$1,012,500	Listed	Exempt
Chapel (252)	Institutional	1962	6,716	0	0	5,883	833	0	\$308,375	\$4,355,427	Non-Cont. ele. of Landmar...	Exempt
Student Quarters (15)	Housing	1923	6,605	0	0	0	0	6,605	\$952,997	\$4,283,442	Listed	Exempt
Student Quarters (16)	Housing	1923	6,598	0	0	0	0	6,598	\$1,006,639	\$4,278,902	Listed	Exempt
Warehouse (36)	Warehouses	1942	6,216	0	0	2,833	3,383	0	\$611,496	\$4,031,169	Listed	Exempt
Engineering Shops (22)	Service	1923	4,880	0	0	4,880	0	0	\$331,820	\$3,164,753	Listed	Exempt
Student Quarters (12)	Housing	1923	4,766	0	0	0	4,766	0	\$857,715	\$2,964,297	Listed	Exempt
Vacant (14)	Housing	1923	4,343	0	0	0	0	4,343	\$756,797	\$651,450	Listed	Exempt
Vacant (13)	Housing	1923	4,325	0	0	0	0	4,325	\$753,039	\$648,750	Listed	Exempt
Engineering Shop (228)	Service	1946	4,154	0	0	4,154	0	0	\$109,808	\$2,693,931	Non-Cont. ele. of Landmar...	Exempt

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VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Building Inventory (Owned), cont.

Chillicothe-Ohio												
Function Title	Current Use	Year Built	Building Gross Sq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Cost of FCA Deficiencies*	Full Replacement Cost	Historical Status	Seismic Risk
Storage (17)	Housing	1923	3,571	0	0	3,571	0	0	\$861,857	\$2,315,847	Listed	Exempt
Hoptel (29)	Housing	1932	3,125	0	0	0	3,125	0	\$374,002	\$1,943,648	Listed	Exempt
Engineering Material Storage (53)	Institutional	1945	2,941	0	0	2,941	0	0	\$136,294	\$1,907,283	Listed	Exempt
Greenhouse (54)	Institutional	1929	2,800	2,800	0	0	0	0	\$502,460	\$1,932,658	Non-Cont. ele. of Landmar...	Exempt
Greenhouse (55)	Institutional	1929	2,800	2,800	0	0	0	0	\$0	\$1,932,658	Non-Cont. ele. of Landmar...	Exempt
Conferencing (office space) (60)	Office	1826	2,526	0	0	2,526	0	0	\$166,975	\$1,638,149	Listed	Exempt
Vacant (8)	Office	1923	2,277	0	0	1,379	898	0	\$2,306,759	\$3,050,919	Listed	Exempt
Electrical Substation (19)	Service	1923	1,851	0	0	0	1,851	0	\$96,464	\$1,200,401	Non-Cont. ele. of Landmar...	Exempt
Vacant (206)	Service	1923	1,716	0	0	0	0	1,716	\$88,485	\$257,400	Listed	Exempt
Vacant (205)	Service	1923	1,520	0	0	0	0	1,520	\$11,381	\$228,000	Listed	Exempt
Electric Switch Gear (218)	Industrial	1949	1,450	0	0	0	1,450	0	\$80,188	\$940,347	Listed	Exempt
Engineering Shop (41)	Service	1918	1,391	0	0	1,391	0	0	\$0	\$902,084	Listed	Exempt
Engineering Shop (40)	Service	1948	1,324	0	0	1,324	0	0	\$25,440	\$858,634	Listed	Exempt
Vacant (250)	Warehouses	1959	1,200	0	0	0	0	1,200	\$109,059	\$180,000	Non-Cont. ele. of Landmar...	Exempt
Storage (233)	Warehouses	1947	1,168	0	0	1,168	0	0	\$0	\$757,466	Listed	Exempt
Storage (208)	Warehouses	1920	1,125	0	0	1,125	0	0	\$6,925	\$729,579	Listed	Exempt
Golf House (251)	Service	1960	1,008	0	0	0	1,008	0	\$7,877	\$653,703	Non-Cont. ele. of Landmar...	Exempt
Engineering Shop (38)	Service	1948	986	0	0	986	0	0	\$0	\$639,436	Listed	Exempt
Engineering Shop (39)	Service	1948	862	0	0	862	0	0	\$0	\$559,020	Non-Cont. ele. of Landmar...	Exempt
GREENHOUSE (51)	Institutional	1929	775	775	0	0	0	0	\$84,559	\$534,932	Listed	Exempt

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VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Building Inventory (Owned), cont.

Chillicothe-Ohio												
Function Title	Current Use	Year Built	Building Gross Sq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Cost of FCA Deficiencies*	Full Replacement Cost	Historical Status	Seismic Risk
Vacant (207)	Service	1943	337	0	0	0	0	337	\$7,538	\$50,550	Listed	Exempt
Storage (197)	Warehouses	1932	324	0	0	0	324	0	\$0	\$210,119	Listed	Exempt
Storage (57)	Warehouses	1930	300	0	0	300	0	0	\$0	\$194,555	Listed	Exempt
Storage (179)	Warehouses	1875	247	0	0	247	0	0	\$0	\$160,183	Listed	Exempt
Smoking Shelter (Enclosed) (SS-1)	All Other	1998	200	0	0	0	200	0	\$0	\$129,703	Not Historic	Exempt
Smoking Shelter (Enclosed) (SS-15)	All Other	1998	200	0	0	0	200	0	\$0	\$129,703	Not Historic	Exempt
Smoking Shelter (Enclosed) (SS-4)	All Other	1998	200	0	0	0	200	0	\$0	\$129,703	Not Historic	Exempt
Smoking Shelter (Enclosed) (SS-12)	All Other	1991	128	0	0	0	128	0	\$0	\$83,010	Not Historic	Exempt
Water Treatment (256)	Industrial	1970	100	0	0	0	100	0	\$677,330	\$711,802	Non-Cont. ele. of Landmar...	Exempt

*Project Costs to remediate FCAs vary significantly, from below assessed value to more than 3 times the value **“Non-Contributing” is a non-contributing element of a landmark or listed district



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Building Inventory (Leased)

Chillicothe-Ohio											
Function Title	Current Use	Year Built	Building GrossSq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Lease Termination (Hard)	Year of Activation	Annual Rent
Total			49,082	43,736	0	884	4,462	0			\$893,830
Lancaster OH CBOC	CBOC	1978	10,095	5,907	0	501	3,687	0	Sunday, April 16, 2023	2013	\$166,718
Athens CBOC	CBOC	1980	9,887	9,887	0	0	0	0	Thursday, August 31, 2017	2007	\$217,514
Marietta OH CBOC	CBOC	1968	9,799	9,799	0	0	0	0	Thursday, February 5, 2026	2016	\$188,513
Portsmouth CBOC	CBOC		8,950	8,950	0	0	0	0	Sunday, December 31, 2017	2007	\$113,388
Cambridge CBOC	CBOC	1975	5,930	5,930	0	0	0	0	Friday, March 31, 2017	2007	\$129,595
Wilmington CBOC	CBOC	1987	2,335	1,177	0	383	775	0	Sunday, July 19, 2015	2010	\$43,980
Athens Home Based Primary Care Program	Outreach Clinic	1971	1,286	1,286	0	0	0	0	Monday, April 30, 2018	2008	\$20,922
Portsmouth Home Based Primary Care Prog...	Outreach Clinic		800	800	0	0	0	0	Friday, May 31, 2013	2008	\$13,200



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Summary of Architectural and Engineering Challenges – Chillicothe-Ohio

Infrastructure Category	Major Challenges – Chillicothe
Site Utilities	<ul style="list-style-type: none"> Site electrical distribution is nearing capacity and additions will require both funding and Archeological approvals. Steam distribution requires additional upgrades and the site lacks central chillers and associated distribution. Site roads and sidewalks need significant improvements along with associated drainage. Site would require significant improvements to comply with the Physical Security Design Manual.
Parking	<ul style="list-style-type: none"> Some Parking lot additions are needed and will require funding.
Architecture	<ul style="list-style-type: none"> Medical facility is an old campus style layout with around 72 individual structures. Direct patient care occurs in eight of those buildings. Most buildings are 80 plus years old. Renovation work continues as funding is available. Exterior work must conform to historic preservation rules and the site has a programmatic agreement covering such work. To fully implement the 2008 Master Plan, which consolidates patient care in one area, many more projects are needed.
Electrical	<ul style="list-style-type: none"> Additional site and building electrical distribution upgrades are needed.
Plumbing	<ul style="list-style-type: none"> Plumbing issues remain even after major building renovations.
HVAC	<ul style="list-style-type: none"> The site continues to upgrade HVAC but significant deficiencies remain.
Medical Gases	<ul style="list-style-type: none"> Generally medical gas infrastructure is adequate.
Clinical Program Adjacencies	<ul style="list-style-type: none"> Clinical programs are distributed across multiple buildings forcing patients to travel across campus at times depending on the services needed. The facility's master plan calls for relocating clinical services closer together based on the preferred adjacencies. The master plan includes consolidating all medical and outpatient services in one building on the Large circle, all inpatient & residential Mental Health programs into 2 buildings on the Large circle, and all CLC units into 2 buildings on the large circle. Ancillary services such as laboratory, radiology imaging, and pharmacy services will be located with the medical/outpatient services which still has a slight disconnect from the other inpatient settings but the consolidation to the Large Circle brings everything to the north end of the campus, thus reducing travel burden to some extent.
Other Program Adjacencies	<ul style="list-style-type: none"> Parking is not available outside each individual building but sufficient quantity of parking spaces is available within the campus boundaries. Staff and Visitors will sometimes have to walk a distance to reach their destination. The kitchen used for inpatient meal prep is adjacent to the dining room for residential patients but neither customers are located within the same building so walking outside is required for meal deliveries and patient dining. The facility has a minor project which was recently approved to start the design process to add space on the Large Circle to resolve this issue. Other support services such as Warehouse, Mailroom, Linen Distribution and some EMS supplies are located across campus and require extra time/manpower to deliver to clinics/inpatient units.
Other	<ul style="list-style-type: none"> IT infrastructure deficiencies need addressed.



VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Active and Planned Projects — Chillicothe-Ohio

	Project	SF/ Count	Status	Estimated Cost
Active Minor Construction ¹	Build Laboratory/Prosthetics Addition to Building 31 (538-112)	24,000	Design Awarded 08/20/12	\$9,405,000
	Building Addition to Building 31 for Supply Processing and Distribution (538-111)	19,300	Construction Awarded 08/15/15	\$9,445,000
	Clinical Addition to Building 31 (538-110)	23,000	Construction Awarded 09/29/14	\$9,822,465
	Correct Privacy/Safety/Environmental Issues on Mental Health Ward 26 East, Building 26 (538-115)	368,600	Construction Awarded 06/19/15	\$9,990,000
	Relocate Specialty Clinics to Building 31 (538-117)	10,000	Design Awarded 04/14/15	\$9,500,000
Active NRMs ¹	Relocate Surgery, Endoscopy & Cardio Pulmonary to B31 (538-116)	18,500	Design Awarded 08/31/16	\$9,900,000
	Add over the door alarms for Compass Center, B35 (538-19-216)		Design Awarded 06/25/19	\$250,000
	Address and Resolve Hazmat Deficiencies (23NR6KA08) (538-16-103)	10,000	Construction Awarded 06/28/18	\$2,860,000
	Bulk Oxygen Supply Station Upgrade (538-18-501)		Construction Awarded 08/27/18	\$56,000
	Continuous Potable Water Monitoring System (538-17-503)		Construction Awarded 03/11/19	\$260,000
	Create CLC Common Area Connector (538-CSI-301)	5,000	Construction Awarded 06/25/14	\$1,650,000
	CT System Room G-345F Site Prep (538-CSI-406)		Construction Awarded 05/15/19	\$102,330
	Demolish Buildings 2, 6, 10 & 11 (23NR7KA03) (538-11-125)		Design Awarded 09/14/11	\$1,300,000
	Expand Existing Building 31 Urgent Care Canopy And Install Handicapped Access Ramp (538-16-206)	1,000	Construction Awarded 09/04/15	\$498,000
	Improve Fleet Parking Area and add Vehicle Charging Stations (538-20-207)		Planned	\$385,000
	Improve Water System to Reduce Risk of Legionella Contamination and Patient Injury (23NR8KA01) (538-18-101)		Design Awarded 09/26/17	\$9,999,000
	Increase Back Up Electrical Generation and Site Distribution Capacity (23NR8KA16) (538-18-102)		Design Awarded 09/10/18	\$3,850,000
	Install Electronic Security System (538-13-100)		Construction Awarded 07/17/13	\$4,500,000
	MAPPING WATER SYSTEM (538-17-501)		Design Awarded 03/17/17	\$700,000
	MRI Site Prep (538-CSI-407)	555	Construction Awarded 07/11/19	\$396,356
	MRI Trailer Site Prep (538-CSI-401)	930	Construction Awarded 09/19/18	\$400,000

Note: All active projects have received all levels of approvals and are assumed to be proceeding.

Source: 1. Capital Assets database (PTR as of 9-4-19) 2. Strategic Capital Investment Plan (FY2020 submission) 3. CFM Major Construction Monthly Report, ORP Project Reporting, CAI Proposed (New) Leases (9-7-19)

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VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Active and Planned Projects — Chillicothe-Ohio, cont.

	Project	SF/ Count	Status	Estimated Cost
Active NRMs ¹	Pharmacy IV Prep Room Upgrade (538-18-201)	422	Construction Awarded 06/27/19	\$540,000
	Privacy/Dignity Renovations Facility Wide (538-19-215)		Design Awarded 07/26/19	\$990,000
	Radiographic System - Room G-311 Site Prep (538-CSI-402)	275	Construction Awarded 03/14/19	\$61,666
	Radiographic System - Room G-317 Site Prep (538-CSI-403)	315	Construction Awarded 03/14/19	\$61,666
	Radiographic System - Room G-321 Site Prep (538-CSI-404)	415	Construction Awarded 03/14/19	\$73,170
	Rehab Building 18, Machine Room (538-12-119)	1,000	Construction Awarded 03/22/13	\$550,000
	Rehab Connecting Corridor between Buildings 24, 26 and 210 (538-20-202)	5,000	Planned	\$995,000
	Renovate Building 25 to Improve Efficiency (23NR6KA01) (538-16-101)	11,000	Design Awarded 08/27/15	\$3,720,000
	Renovate Space for Expanded Rehab Therapy Clinics, Building 211 (23NR6KA09) (538-16-104)	7,600	Construction Awarded 01/13/17	\$2,000,000
	Renovate Student Housing Buildings 15 and 16 (538-19-204)		Design Awarded 08/28/17	\$1,503,814
	Renovate Therapeutic Pool and Recreation Hall (538-20-201)		Planned	\$975,200
	Repair Existing Elevators and install elevator in Community Living Center Main Entry (538-20-206)		Planned	\$990,000
	Repave Dobson Circle, Taft, Roland and Hines Roads (538-20-204)		Planned	\$980,000
	Replace Failed Roofing (538-20-109)		Planned	\$1,650,000
	Replace Fire Hydrants (538-20-205)		Planned	\$160,000
	Replace Food Service Grease Trap and Sewer Main (538-20-203)		Planned	\$110,000
	Upgrade IT Infrastructure to Support VoIP Phone System (538-19-209)		Design Awarded 06/20/17	\$550,000
	VISN 10 Maintain Master Record Drawings OH - Year 5 of 5 (538-19-601)		Design Awarded 05/31/19	\$380,164
	Water well power feed replacement (538-19-211)		Planned	\$125,000
	Active Projects Total Estimated Cost (Major, Minor, NRM) ¹			\$101,684,831
Minor Leases in Procurement	Cambridge CBOC (Proposed Re-new)	12,000	Proposed Re-new (CAI)	N/A
	Portsmouth CBOC (Proposed Re-new)	11,792	Proposed Re-new (CAI)	N/A
	Athens CBOC (Proposed Re-new)	12,708	Proposed Re-new (CAI)	N/A
SCIP FY2020 Submitted Projects (10-Year-Plan)	Green Management Program	1		\$9,350,000

Note: All active projects have received all levels of approvals and are assumed to be proceeding.

Source: 1. Capital Assets database (PTR as of 9-4-19) 2. Strategic Capital Investment Plan (FY2020 submission) 3. CFM Major Construction Monthly Report, ORP Project Reporting, CAI Proposed (New) Leases (9-7-19)

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VISN 10: Central Ohio Market — Chillicothe-Ohio

Facilities ► Active and Planned Projects — Chillicothe-Ohio, cont.

	Project	SF/ Count	Status	Estimated Cost
SCIP FY2020 Submitted Projects (10-Year-Plan)	Minor Construction	7		\$70,938,000
	NRM-Infrastructure Modernization	9		\$42,850,000
	NRM-Sustainment	2		\$15,600,000
	Total Estimated Cost SCIP Projects	19		\$138,738,000

Note: All active projects have received all levels of approvals and are assumed to be proceeding.

Source: 1. Capital Assets database (PTR as of 9-4-19) 2. Strategic Capital Investment Plan (FY2020 submission) 3. CFM Major Construction Monthly Report, ORP Project Reporting, CAI Proposed (New) Leases (9-7-19)

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VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Inpatient Campus Snapshot

Facility Name: Columbus-Ohio

Facility Complexity Level (2017): Medium-2

FY18 Core Facility Uniques (VAMC only): 38,795

**REAL PROPERTY OVERVIEW**

Acres available	0
Main Patient Care Facility Construction Date	2008
Most Recent Renovation Date (Main Hospital Building)	N/A
BGSF (campus total)	365,217 sq. ft
DGSF (direct patient care)	160,187 sq. ft 44.0% of BGSF
Property Size	22 acres 0 acres available**
Annual Operations and Maintenance Cost	\$6,150,254
Total 10-Year Capital Investment*	\$87,474,115
Facilities Conditions Assessment Deficiencies	\$15,946,337 \$411/Unique
Seismic Risk	Low Risk
Operational Leases	9 Leases \$1,407,793 total annual cost 80,608 total NUSF

* Sum of Major and Minor Con. and NRM spending

** Provides an indication of any excess or surplus land, not currently in use and with no plans for future expansion needs that could be used for future development.



VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Inpatient Campus and Outpatient Care Locations

Inpatient
Campus:

Facility Data - Columbus			
Building Gross Sq. Ft. (campus total)	Annual Operations and Maintenance Cost (per sq. ft.)	Operating Beds (Reported by Field)	
		Acute Beds ¹	Other Beds ²
365,217	\$16.84	0	0

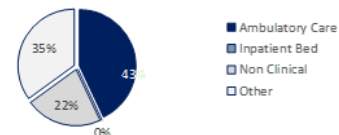
Outpatient
Care
Locations:

Facility Name ³	Ambulatory Care SF
Chalmers P. Wylie Veterans Outpatient Clinic	160,187
Grove City CBOC	10,053
Zanesville CBOC	9,400
Columbus VA MH Clinic	9,140
Daniel L. Kinnard VA Clinic	8,100
Marion CBOC	7,242
Columbus Administrative Office	584

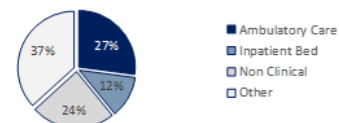
Facility
Metrics:

	Columbus	VISN Average	VHA Average
Campus SF	365,217	967,393	828,121
Core Facility Uniques	38,795	40,042	36,243
Campus SF/Core Facility Uniques	9	24	23
Current FCA Backlog	\$15,946,337	\$75,768,821	\$123,141,990
FCA Backlog/Core Facility Uniques	\$411	\$1,892	\$3,398

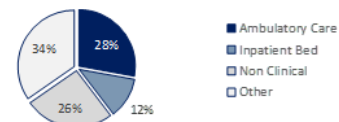
Columbus Space Distribution



VISN 10 Space Distribution



VHA Space Distribution



1. Includes Acute Psych, Medicine, and Surgical Beds

2. Includes Spinal Cord, Blind Rehab, CLC, DRRTP, and Intermediate Beds

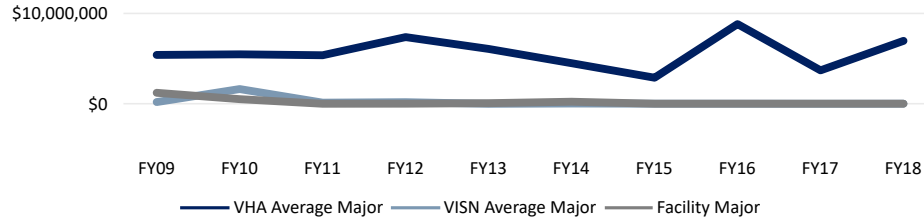
3. Only reflects SF related to VA owned and leased fixed facilities



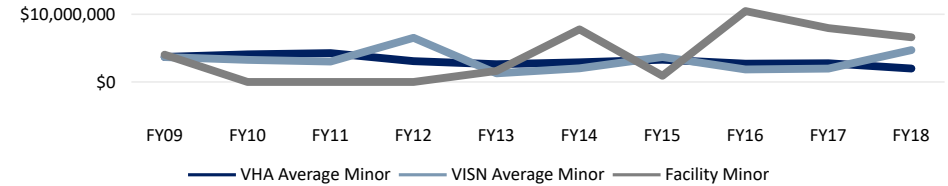
VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Investment – Columbus-Ohio

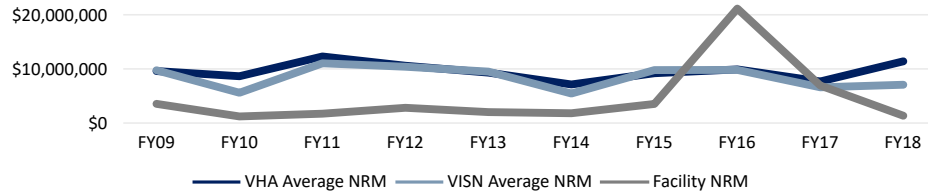
Major Construction Funding



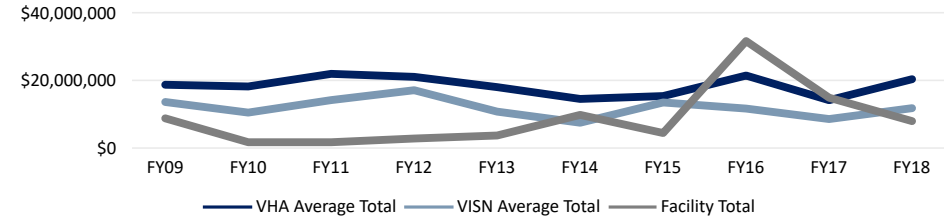
Minor Construction Funding



NRM Funding



Total Construction Funding



	Facility	VISN Average	VHA Average
FCA Backlog/SF**	\$44	\$86	\$139
Current FCA Backlog	\$15,946,337	\$75,768,821	\$123,886,618
Investment/SF**	\$240	\$123	\$155
Total 10-Year Capital Investment*	\$87,474,115	\$119,117,944	\$137,521,745
Owned SF	365,217	968,419	886,486

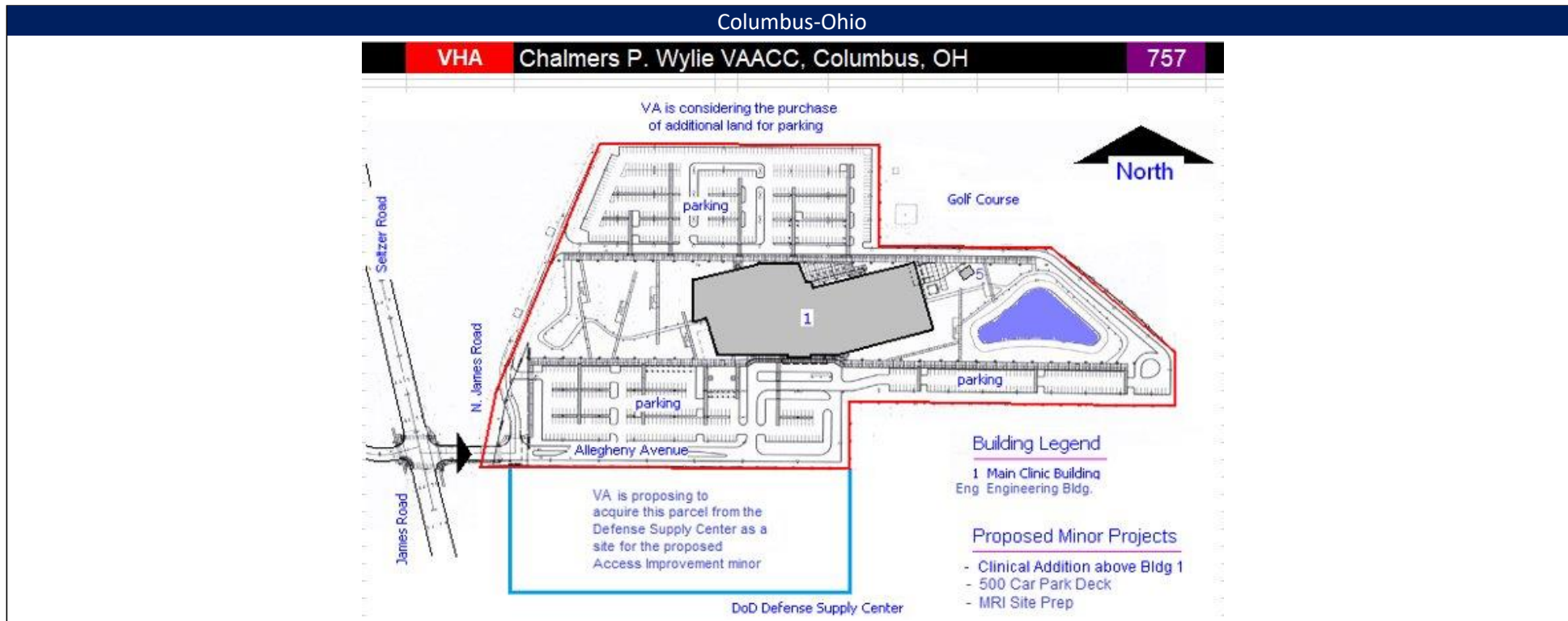
*Sum of Major and Minor Con. and NRM spending **Total 10-Year Capital Investment and Current FCA Backlog Divided by Owned SF

Source: CAI Buildings and FCA Red Green Reports 9-7-2019; FMS 830 837, Accounts 110, 111, and 162 (Cost Center 8542, BOC 32XX, (less BOC 3222 and BOC 3224))

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VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Site Plan





VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Building Inventory (Owned)

Columbus-Ohio												
Function Title	Current Use	Year Built	Building Gross Sq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Cost of FCA Deficiencies*	Full Replacement Cost	Historical Status	Seismic Risk
Total			365,217	160,187	0	66,211	109,056	29,763	\$10,079,836	\$252,307,846		
Main Clinic Building (1A)	Outpatient F...	2008	359,305	160,187	0	60,699	108,656	29,763	\$9,927,161	\$248,538,074	Not Historic	Exempt
Engineering Building (ENG)	Service	2013	5,912	0	0	5,512	400	0	\$152,675	\$3,769,772	Not Historic	Not Listed

*Project Costs to remediate FCAs vary significantly, from below assessed value to more than 3 times the value **“Non-Contributing” is a non-contributing element of a landmark or listed district



VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Building Inventory (Leased)

Columbus-Ohio											
Function Title	Current Use	Year Built	Building GrossSq. Ft.	Outpatient Sq. Ft.	Inpatient	Non-Clinical	Other	Vacant	Lease Termination (Hard)	Year of Activation	Annual Rent
Total			71,800	40,658	0	28,549	1,970	0			\$1,172,744
Columbus Administrative Office	Other	2000	10,266	584	0	7,952	1,730	0	Wednesday, December 15, 2021	2011	\$193,936
Newark, OH (Daniel L. Kinnard)	CBOC	2011	10,000	8,100	0	1,677	0	0	Sunday, June 20, 2021	2011	\$215,669
Cassady Warehouse	Warehouse	1984	10,000	0	0	10,000	0	0	Tuesday, September 30, 2014	2007	\$51,500
Zanesville CBOC	CBOC	1990	9,400	9,400	0	0	0	0	Saturday, March 31, 2018	2008	\$134,866
Columbus VA MH Clinic	Mental Health	1996	9,380	9,140	0	0	240	0	Tuesday, July 21, 2026	2016	\$200,000
DSCC Warehouse	Warehouse		8,520	0	0	8,520	0	0	Friday, September 30, 2022	2013	\$10,738
Marion CBOC	CBOC	1979	8,042	7,242	0	400	0	0	Monday, September 30, 2019	2004	\$167,676
Grove City CBOC	CBOC	1996	15,000	10,053	0	0	4,947	0	Saturday, October 14, 2017	2012	\$367,500
Columbus Parking Lease	Parking		0	0	0	0	0	0	Monday, January 31, 2028	2018	\$65,908



VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Summary of Architectural and Engineering Challenges – Columbus-Ohio

Infrastructure Category	Major Challenges – Columbus
Site Utilities	<ul style="list-style-type: none"> Only one commercial power feed and reliability has been sub optimal. Currently we only have one generator that can power a small part of the site. Several projects required to bring facility up to PSDM guidelines, including an approved project to relocate the perimeter road and add a second electrical feed on the north side of the facility.
Parking	<ul style="list-style-type: none"> Difficulty in finding parking for Veterans most days. The current estimated parking deficiency is over 400 parking spaces. The facility has submitted a SCIP project this year to mitigate the issue.
Architecture	<ul style="list-style-type: none"> Building Envelope leaks. Roof is starting to leak, need entire facility review and replaced accordingly. SCIP projects have been entered to address this need
Electrical	<ul style="list-style-type: none"> The building was built with an expected use of Monday thru Friday operation. We have had 3 Minor Project expansions and have reached the limit of existing electrical capacity. IRM may not be able to meet the power requirement for the Cerner servers for the EHRM pilot project. Need additional capacity in substations.
Plumbing	<ul style="list-style-type: none"> Plumbing for RTU's is inadequate for existing infrastructure.
HVAC	<ul style="list-style-type: none"> We are unable to control humidity levels in areas that require humidity control. Chiller capacity is currently undersized and not built for N+1 capacity at the building opening. A SCIP project is approved to mitigate the chiller capacity issue. Need long term cooling fix for the substation room. Ductwork in OR's is not stainless steel. RTU's throughout facility need refurbished or replaced.
Medical Gases	<ul style="list-style-type: none"> No known issues.
Clinical Program Adjacencies	<ul style="list-style-type: none"> No quiet room in UCC for after hours behavioral health patients that present in crisis.
Other Program Adjacencies	<ul style="list-style-type: none"> None noted
Other	<ul style="list-style-type: none"> None noted



VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Active and Planned Projects — Columbus-Ohio

	Project	SF/ Count	Status	Estimated Cost
Active Minor Construction ¹	Construct Mental Health and Specialty Care Addition (757-202)	17,000	Construction Awarded 09/25/17	\$9,532,000
	Construct Parking Garage (757-201)	2,500	Construction Awarded 06/01/16	\$9,500,000
	Construct Surgery Addition (757-203)	17,000	Construction Awarded 06/18/18	\$9,471,000
	Reconfigure Perimeter Road (757-204)	1,500	Planned	\$9,447,000
Active NRMs ¹	Add Domestic Water Pressure Booster (757-19-203)		Construction Awarded 08/29/18	\$728,200
	Add Fall Deterrent to Parking Garage (757-20-204)		Design Awarded 09/25/18	\$941,000
	Columbus Boiler Plant Replacement (23NR4KA50) (757-14-101)		Construction Awarded 09/27/16	\$13,672,090
	Construct Chiller Plant (23NR5KA15) (757-15-102)	1,000	Design Awarded 12/24/14	\$9,100,000
	Construct Generator Docking Station (757-20-205)		Planned	\$120,000
	Construct temporary chiller connection (757-19-204)		Design Awarded 06/22/17	\$510,000
	Construct Urodynamics Procedure Room (757-17-502)	200	Construction Awarded 05/17/18	\$175,000
	CT Replacement – Room 1B065 Renovation (757-CSI-214)		Planned	\$750,000
	Dental Panographic CT Replacement – Room 2A334 Modifications (757-CSI-217)		Planned	\$50,000
	Expand Existing Emergency Distribution Panel Board and Add Cooling to Substation Room (757-19-202)		Design Awarded 06/22/17	\$954,380
	Expand Lab and SPS Departments (23NR6KA03) (757-16-101)	9,340	Construction Awarded 04/19/17	\$6,750,000
	Expand Specimen Collection Area (757-17-207)		Construction Awarded 02/08/17	\$149,000
	Fluoroscopy Replacement – Room 1B072 Renovation (757-CSI-216)		Planned	\$300,000
	Install Active Harmonic Filters on Substations - FCA (757-15-204)		Construction Awarded 05/04/15	\$680,000
	Install Spec CT Camera (757-CSI-205)		Construction Awarded 02/15/17	\$80,000
	Install Spec CT Camera turnkey installation (757-CSI-208)		Construction Awarded 09/18/17	\$46,231
	Modify Entrance and Correct Sprinkler Coverage - FCA (23NR4KA39) (757-15-101)	3,000	Construction Awarded 01/28/16	\$2,733,485

Note: All active projects have received all levels of approvals and are assumed to be proceeding.

Source: 1. Capital Assets database (PTR as of 9-4-19) 2. Strategic Capital Investment Plan (FY2020 submission) 3. CFM Major Construction Monthly Report, ORP Project Reporting, CAI Proposed (New) Leases (9-7-19)

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VISN 10: Central Ohio Market — Columbus-Ohio

Facilities ► Active and Planned Projects — Columbus-Ohio, cont.

	Project	SF/ Count	Status	Estimated Cost
Active NRMs ¹	MRI Replacement – Room 1B073 Renovation (757-CSI-213)		Planned	\$700,000
	Perform Electrical Capacity Study (757-17-503)		Design Awarded 09/05/17	\$42,600
	Prepare Room 1B041 to accommodate the new GE XR656 Radiographic System (757-CSI-211)		Construction Awarded 06/01/18	\$99,643
	Prepare Room 1B062 to accommodate the new GE XR656 Radiographic System (757-CSI-210)		Construction Awarded 07/12/18	\$150,000
	Prepare Room 1B064 to accommodate the new GE XR656 Radiographic System (757-CSI-212)		Construction Awarded 06/01/18	\$121,182
	Prepare site for GE XR656 Radiographic System (757-CSI-209)		Construction Awarded 11/30/17	\$99,579
	Remodel Pharmacy IV Prep Room- FCA (23NR8KA34) (757-19-201)	1,000	Construction Awarded 11/01/18	\$1,380,000
	Renovate for Medical Residency Program (757-18-502)	189,750	Design Awarded 07/09/18	\$189,750
	Upgrade CCTV to Digital System (23NR6KA04) (757-16-102)		Construction Awarded 02/15/17	\$1,500,000
Active Projects Total Estimated Cost (Major, Minor, NRM) ¹ SCIP FY2020 Submitted Projects (10-Year-Plan)	Active Projects Total Estimated Cost (Major, Minor, NRM)			\$79,972,140
	Green Management Program	2		\$13,320,000
	Major Construction	1		\$445,291,000
	Minor Construction	3		\$46,526,000
	Minor Leases	1		\$1,100,000
	NRM-Infrastructure Modernization	3		\$9,100,000
	NRM-Sustainment	7		\$26,900,000
	Total Estimated Cost SCIP Projects	17		\$542,237,000

Note: All active projects have received all levels of approvals and are assumed to be proceeding.

Source: 1. Capital Assets database (PTR as of 9-4-19) 2. Strategic Capital Investment Plan (FY2020 submission) 3. CFM Major Construction Monthly Report, ORP Project Reporting, CAI Proposed (New) Leases (9-7-19)

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Mission



VISN 10: Central Ohio Market — Chillicothe-Ohio

Mission ► Medical Education/Training – Chillicothe-Ohio

Sponsoring Facility	Program Type	Specialty	AY 2019 Training Positions (FTEs)*
Adena Regional Medical Center	VACAA	Family medicine	1.0
	GME	Family medicine	2.0
	GME	Internal medicine	0.0
	VACAA	Internal medicine	2.0
Kettering Health Network	GME	Chief Resident (Psychiatry)	1.0
	GME	Family medicine	0.8
	VACAA	Internal medicine	1.0
	GME	Psychiatry	9.0
Ohio State University College of Dentistry	Dental	Dentistry - General Practice Residency 12 Months	0.2
Other Training Programs	Nursing	Nursing - Nurse Practitioner	6.0
	Associated Health	Nutrition/Dietetics Intern	8.0
	Associated Health	Optometry Resident	2.0
	Associated Health	Pharmacy Resident	4.0
	Associated Health	Physician Assistant (Masters)	2.0
	Associated Health	Psychology	5.0
	Associated Health	Social Work	2.0

*Base Positions = Training Positions, GME = Graduate Medical Education, VACAA = Additional GME Slots aligned to The Veterans Access, Choice, and Accountability Act of 2014 (VACAA).

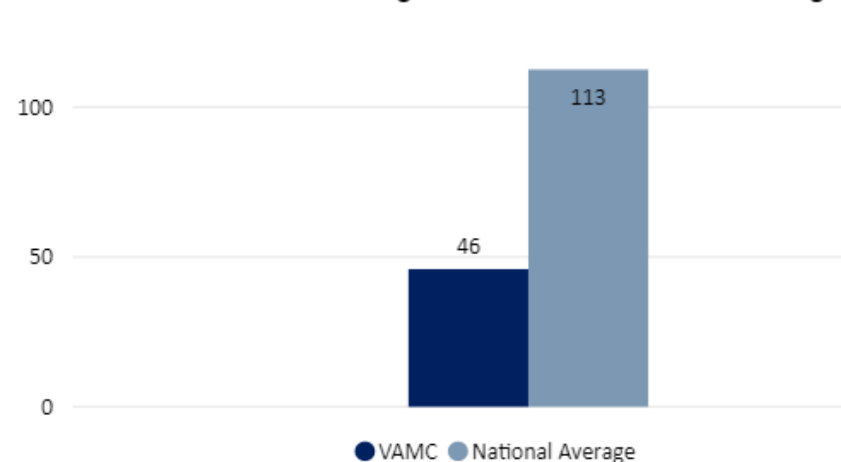


VISN 10: Central Ohio Market — Chillicothe-Ohio

Mission ► **Medical Education/Training – Chillicothe-Ohio, cont.**

Total VAMC Budget and FTE by Program Type		
Program Type	Budget	AY 2019 Training Positions (FTEs)*
Associated Health	\$676,048	23.0
Dental	\$9,524	0.2
GME	\$571,464	12.8
Nursing	\$15,995	6.0
VACAA	\$190,488	4.0
Total	\$1,463,519	46.0

Number of Training Positions: VAMC vs National Average



Rank: 94 out of 157 training sites (ranked by number of positions)

*Base Positions = Training Positions, GME = Graduate Medical Education, VACAA = Additional GME Slots aligned to The Veterans Access, Choice, and Accountability Act of 2014 (VACAA).

Source: Facility Summary Report provided by Office of Academic Affiliation

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VISN 10: Central Ohio Market — Columbus-Ohio

Mission ► Medical Education/Training – Columbus-Ohio

Sponsoring Facility	Program Type	Specialty	AY 2019 Training Positions (FTEs)*
Mount Carmel Health System Ohio State University College of Dentistry Ohio State University Hospital	GME	Family medicine	0.0
	Dental	Dentistry - General Practice Residency 12 Months	1.0
	GME	Allergy and immunology	1.0
	GME	Dermatology	1.0
	VACAA	Endocrinology, diabetes, and metabolism	1.0
	GME	Internal medicine	4.0
	GME	Ophthalmology	6.0
	GME	Physical medicine and rehabilitation	1.0
	GME	Psychiatry	2.5
	GME	Surgery-general	1.0
	GME	Urology	0.6
	GME	Surgery-general	0.5
	Associated Health	Audiology Doctoral Extern (4th Year)	2.0
Riverside Methodist Hospitals Other Training Programs	Associated Health	Occupational Therapy	1.0
	Associated Health	Optometry Resident	3.0
	Associated Health	Pharmacy Resident	2.0
	Associated Health	Psychology	3.0
	Associated Health	Social Work	12.0

*Base Positions = Training Positions, GME = Graduate Medical Education, VACAA = Additional GME Slots aligned to The Veterans Access, Choice, and Accountability Act of 2014 (VACAA).

Source: Facility Summary Report provided by Office of Academic Affiliation

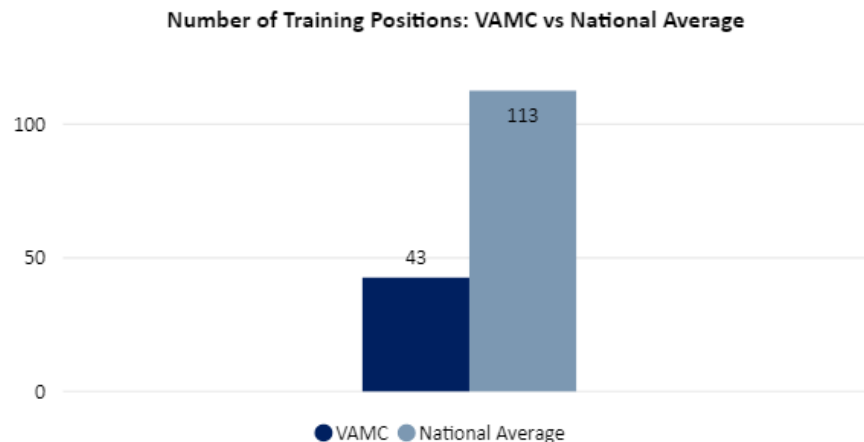
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VISN 10: Central Ohio Market — Columbus-Ohio

Mission ► **Medical Education/Training – Columbus-Ohio, cont.**

Total VAMC Budget and FTE by Program Type		
Program Type	Budget	AY 2019 Training Positions (FTEs)*
Associated Health	\$502,248	23.0
Dental	\$47,058	1.0
GME	\$781,158	17.6
VACAA	\$0	1.0
Total	\$1,330,464	42.6



Rank: 96 out of 157 training sites (ranked by number of positions)

*Base Positions = Training Positions, GME = Graduate Medical Education, VACAA = Additional GME Slots aligned to The Veterans Access, Choice, and Accountability Act of 2014 (VACAA).



Cost



VISN 10: Central Ohio Market

Cost ► Conceptual Cost Analysis for Inpatient Services – Methodology Overview

- The top VAMC inpatient Diagnostic Related Groups (DRGs)¹ by 2018 Veteran demand (discharges) with costs were identified.
 - ✓ VA costs are taken at face value and cost allocations have not been validated.
- For the top VA DRGs, the VA Average Adjusted Total Cost per discharge¹ was compared to the average Medicare reimbursement per discharge and Community Care purchase cost per discharge.
 - ✓ Medicare reimbursement includes Part A hospital plus estimated Part B professional (physician) costs, calculated using a proxy 40% of the Part A costs (note: typically, Part B is based on procedures that vary by type of service and discharge).²
 - ✓ An additional 15% was included as a proxy for Third Party Administration (TPA) costs borne on the VA for processing and administering each commercial inpatient stay.³
 - ✓ For each DRG, as applicable and available, Community Care⁴ data was used to compare cost-to-purchase for Veterans assigned to the treating facility.
- As an additional comparison, the top Community Care⁴ purchased DRGs by volume and the cost to purchase that care are included in the bottom table.

Note: This analysis is conceptual in nature comparing internal VA cost to provide care to Veterans to potential cost to acquire the same care in the market at Medicare rates as well as to existing experience with purchase of Non-VA care, as applicable. It is meant to provide an additional input for the market assessments and will not be used to make any specific recommendations. Given the high-level nature of this assessment, further cost benefit analysis (as defined by the MISSION Act) is necessary to better understand the comparability of VA internal cost to provide care to Veterans compared to rates to acquire the care in the community.

Source: 1. MCAO Discharge National Data Extract, adjusted by netting out Fixed Indirect overhead as calculated by MCAO 2. 2018 CMS Medicare Standard Analytical Files (SAF) from Definitive Healthcare limited by a 50 mile radius from the parent facility 3. Based on JAMA study 'Administrative Costs Associated With Physician Billing and Insurance-Related Activities at an Academic Health Care System,' February 20, 2018 4. Office of Community Care



VISN 10: Central Ohio Market — Chillicothe-Ohio

Cost

Conceptual Cost Analysis for Inpatient Services – Chillicothe-Ohio

VA Cost and Cost Comparisons by DRG – Chillicothe VAMC					
Top VA DRGs by Total Discharges FY2018 ¹	Total VA Discharges ¹	Average VA Total Cost per Case ¹	Estimated Cost to Purchase ^{2,3}	Total Community Care Discharges ³	Average Payment per Case ³
(897) ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	745	\$15,196	\$7,554	4	\$5,904
(885) PSYCHOSES	495	\$14,635	\$14,699	N/A	N/A
(190) CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	134	\$16,350	\$12,917	18	\$9,126
(881) DEPRESSIVE NEUROSES	107	\$11,294	\$10,249	N/A	N/A
(894) ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	99	\$16,532	\$4,844	N/A	N/A
(882) NEUROSES EXCEPT DEPRESSIVE	69	\$10,071	\$10,476	N/A	N/A
(603) CELLULITIS W/O MCC	63	\$15,372	\$10,449	11	\$6,154
(895) ALCOHOL/DRUG ABUSE OR DEPENDENCE W REHABILITATION THERAPY	57	\$15,971	\$16,828	N/A	N/A
(392) ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	54	\$8,410	\$9,795	14	\$9,704
(948) SIGNS & SYMPTOMS W/O MCC	52	\$17,676	\$17,739	N/A	N/A
Remaining DRGs	1,131	\$15,757			
Community Care Costs by DRG			In-House vs Community Care	Total Discharges	Total Cost
Top Community Care DRGs by Total Discharges FY2018 ¹	Total Community Care Discharges ¹	Average Payment per Case ¹	In-House Inpatient Cost ¹	3,006	\$45,369,397
(871) SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	56	\$16,428	Community Care ¹	1,041	\$17,005,740
(291) HEART FAILURE & SHOCK W MCC OR PERIPHERAL EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)	46	\$10,692			
(378) G.I. HEMORRHAGE W CC	30	\$8,526			
(001) HEART TRANSPLANT, OR IMPLANT OF HEART ASSIST SYSTEM W MCC	28	\$40,471			
(247) PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	26	\$18,608			
(287) CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	26	\$8,373			
(313) CHEST PAIN	25	\$5,568			
(190) CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	18	\$9,126			
(069) TRANSIENT ISCHEMIA W/O THROMBOLYTIC	16	\$6,828			
(470) MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	15	\$15,015			
Remaining DRGs	755	\$19,582			

*Comparing FY2018 VA Average Adjusted Total Cost per Discharge against the CMS average payment/claim per discharge for CY2018. Proxy of 40% of Part A costs to estimate potential Medicare Part B costs plus a proxy of 15% for TPA costs. DRGs with a high Average VA Total Cost potentially tied to low volume and high LOS. Estimated cost to purchase = estimated total cost based on Medicare rates (Part A + Part B) plus a proxy of TPA costs. Medicare claim payments not available for claims/procedures with 10 or fewer discharges due to CMS privacy requirements.

Sources: 1. MCAO Discharge National Data Extract, adjusted by netting out Fixed Indirect overhead as calculated by MCAO 2. 2018 CMS Medicare Standard Analytical Files (SAF) from Definitive Healthcare limited by a 50 mile radius from the parent facility 3. Office of Community Care (Community Care DRGs with 3 or fewer discharges were not included in the VA Cost and Cost Comparison by DRG table)



MAHSO
MARKET AREA HEALTH SYSTEMS OPTIMIZATION

Post-DD&F Data Addendum

Data Compendium - General Information

Purpose

The Data Discovery and Findings (DD&F) data books prepared for each market presented a standardized collection of data used across markets to understand important aspects of each market. Because of the passage of time since the original market assessment phases were conducted, VA has developed an appendix to the DD&F to capture more recent data for key data points. Because the COVID-19 pandemic impacted 2020 and 2021 data, 2019 was the latest fiscal year incorporated for most data elements.

Contents

- Projected Population
- Rurality
- Outpatient Demand
- Outpatient Encounters
- Specialty Care Encounters
- Surgical Cases
- Inpatient Demand (Facility Level)
- Market Demand
- Enrollment Proximity
- Facility
- Building FCA
- Academic Mission
- Research Mission
- Footnotes
- Sources

Additional Information

The Footnotes page provides additional details about tables and individual data elements when required.

The Sources page provides the relevant data cube or program office sourcing information for each of the data elements.

Projected Veteran Enrollee and Eligible Population (Market)

Market	Group	FY19	FY29	10 Year % Growth
(V10) Central Ohio	Eligible Veterans	125,341	101,299	-19.2%
	Enrollees	79,364	74,731	-5.8%

Market Population Rank (out of 95 markets)

Market	Total Enrollee Rank FY19	Total Enrollee Rank FY29	% Change Rank
(V10) Central Ohio	48	47	56

County-Based Enrollee Projections

Market	Sector	County	FY19 Enrollees	FY29 Enrollees	10 Year % Change
(V10) Central Ohio	10-d-1-B	(39009) Athens, OH	1,901	1,779	-6.4%
		(39045) Fairfield, OH	4,799	4,290	-10.6%
		(39059) Guernsey, OH	1,582	1,447	-8.5%
		(39073) Hocking, OH	1,012	906	-10.5%
		(39079) Jackson, OH	1,225	1,117	-8.8%
		(39105) Meigs, OH	790	764	-3.3%
		(39121) Noble, OH	344	359	4.4%
		(39129) Pickaway, OH	1,828	1,685	-7.8%
		(39163) Vinton, OH	487	443	-9.0%
		(39167) Washington, OH	2,436	2,322	-4.7%
	10-d-1-D	(39001) Adams, OH	1,073	996	-7.1%
		(39027) Clinton, OH	1,441	1,298	-9.9%
		(39047) Fayette, OH	835	723	-13.4%
		(39071) Highland, OH	1,447	1,343	-7.2%
		(39131) Pike, OH	994	1,033	3.9%
		(39141) Ross, OH	3,494	3,196	-8.5%
		(39145) Scioto, OH	2,683	2,462	-8.2%
	10-d-2-A	(39049) Franklin, OH	28,450	26,480	-6.9%
	10-d-2-C	(39031) Coshocton, OH	1,193	1,125	-5.7%
		(39041) Delaware, OH	3,396	3,401	0.1%
		(39083) Knox, OH	1,747	1,650	-5.6%
		(39089) Licking, OH	5,584	5,803	3.9%
		(39097) Madison, OH	1,166	1,186	1.7%
		(39101) Marion, OH	1,902	1,716	-9.7%
		(39115) Morgan, OH	532	590	11.0%
		(39117) Morrow, OH	933	888	-4.9%
		(39119) Muskingum, OH	3,025	2,790	-7.7%
		(39127) Perry, OH	1,300	1,223	-6.0%
		(39159) Union, OH	1,160	1,150	-0.9%
		(39175) Wyandot, OH	606	565	-6.8%

Projected Veteran Enrollee and Eligible Population (Demographics)

Market	Group	Measure Description	Measure Categories	FY19	FY29	10 Year % Change
(V10) Central Ohio	Eligible Veterans	Age	<45	27,900	21,629	-22.5%
			45-64	37,891	28,509	-24.8%
			65+ (Combination)	59,549	51,161	-14.1%
			65-84	49,421	42,803	-13.4%
			85-89	6,464	5,354	-17.2%
			90+	3,664	3,004	-18.0%
		Gender	Female	10,633	11,043	3.9%
			Male	114,708	90,256	-21.3%
		Priority	Priority 1-6	97,710	81,118	-17.0%
			Priority 7-8	27,630	20,181	-27.0%
	Enrollees	Age	<45	16,890	14,346	-15.1%
			45-64	23,804	22,831	-4.1%
			65+ (Combination)	38,670	37,554	-2.9%
			65-84	33,461	32,570	-2.7%
			85-89	3,375	3,218	-4.7%
			90+	1,834	1,766	-3.7%
		Gender	Female	5,906	7,574	28.2%
			Male	73,458	67,157	-8.6%
		Priority	Priority 1-6	60,209	61,324	1.9%
			Priority 7-8	19,155	13,407	-30.0%

Market Enrollment Rurality (FY19)

Market	Rural Enrollees	Total Enrollees	% Rurality
(V10) Central Ohio	41,277	77,269	53.4%

County Enrollment Rurality

Market	County	Rural Enrollee	Total Enrollees	% Rurality
(V10) Central Ohio	Adams, OH	898	898	100.0%
	Athens, OH	1,633	1,633	100.0%
	Clinton, OH	1,296	1,296	100.0%
	Coshocton, OH	1,211	1,211	100.0%
	Delaware, OH	489	3,276	14.9%
	Fairfield, OH	3,440	5,067	67.9%
	Fayette, OH	889	889	100.0%
	Franklin, OH	262	26,933	1.0%
	Guernsey, OH	1,481	1,481	100.0%
	Highland, OH	1,496	1,496	100.0%
	Hocking, OH	998	998	100.0%
	Jackson, OH	1,266	1,266	100.0%
	Knox, OH	1,682	1,682	100.0%
	Licking, OH	1,692	6,015	28.1%
	Madison, OH	983	983	100.0%
	Marion, OH	1,820	1,820	100.0%
	Meigs, OH	864	864	100.0%
	Morgan, OH	580	580	100.0%
	Morrow, OH	1,207	1,207	100.0%
	Muskingum, OH	2,733	2,733	100.0%
	Noble, OH	442	442	100.0%
	Perry, OH	1,086	1,086	100.0%
	Pickaway, OH	1,656	1,899	87.2%
	Pike, OH	1,020	1,020	100.0%
	Ross, OH	3,262	3,262	100.0%
	Scioto, OH	2,578	2,578	100.0%
	Union, OH	1,259	1,322	95.2%
	Vinton, OH	505	505	100.0%
	Washington, OH	1,993	2,271	87.8%
	Wyandot, OH	556	556	100.0%

FY19 Market Core Uniques

Market Name	Core Uniques
(V10) Central Ohio	58,363

Core Uniques

Market	Facility	FY15	FY16	FY17	FY18	FY19	5 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe VA Medical Center	18,356	18,464	18,676	18,770	19,433	5.9%
	(V10) (538BU) VADOM Chillicothe	602	613	636	653	579	-3.8%
	(V10) (538GA) Athens VA Clinic	2,277	2,218	2,179	2,184	2,263	-0.6%
	(V10) (538GB) Portsmouth VA Clinic	2,472	2,513	2,468	2,527	2,519	1.9%
	(V10) (538GC) Marietta VA Clinic	1,485	1,584	1,860	1,972	2,028	36.6%
	(V10) (538GD) Lancaster VA Clinic	3,108	3,254	3,182	3,194	3,189	2.6%
	(V10) (538GE) Cambridge VA Clinic	1,697	1,685	1,650	1,716	1,799	6.0%
	(V10) (538GF) Wilmington VA Clinic			783	999	1,163	
	(V10) (538QA) Chillicothe VA Mobile Clinic		13	55	65	18	
	(V10) (757) Chalmers P. Wylie Veterans Outpatient Clinic	35,690	36,864	37,348	37,909	38,991	9.2%
	(V10) (757GA) Zanesville VA Clinic	3,608	3,577	3,576	3,652	3,594	-0.4%
	(V10) (757GB) Grove City VA Clinic	3,413	3,644	3,527	3,819	3,443	0.9%
	(V10) (757GC) Marion VA Clinic	2,793	2,934	3,058	3,120	3,200	14.6%
	(V10) (757GD) Daniel L. Kinnard VA Clinic	4,039	4,172	4,198	4,502	4,759	17.8%
	(V10) (757QA) Columbus 1 VA Mobile Clinic		83	80	13	26	
	(V10) (757QC) Columbus VA Clinic		1,156	4,612	4,332	4,548	

Urgent Care Encounters

Market	Facility	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe-Ohio	11,080	10,431	10,258	-7.4%
	(V10) (757) Columbus-Ohio	10,194	16,346	15,479	51.8%

Outpatient Encounters (FY17-19)

Market	Facility	Clinic Grouping	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe-Ohio	Mental Health	93,186	88,629	76,482	-17.9%
		Primary Care	41,505	44,028	45,730	10.2%
		Specialty Care	186,391	188,381	193,440	3.8%
	(V10) (538GA) Athens-Ohio	Mental Health	3,797	3,648	3,459	-8.9%
		Primary Care	7,994	8,216	8,237	3.0%
		Specialty Care	6,310	6,642	6,395	1.3%
	(V10) (538GB) Portsmouth-Ohio	Mental Health	3,026	3,144	3,195	5.6%
		Primary Care	10,826	12,728	13,002	20.1%
		Specialty Care	7,692	8,803	9,192	19.5%
	(V10) (538GC) Marietta	Mental Health	2,331	2,422	1,864	-20.0%
		Primary Care	5,424	5,854	6,962	28.4%
		Specialty Care	3,997	4,134	4,025	0.7%
	(V10) (538GD) Lancaster	Mental Health	3,800	4,110	3,592	-5.5%
		Primary Care	9,587	9,295	8,470	-11.7%
		Specialty Care	8,697	8,542	8,265	-5.0%
	(V10) (538GE) Cambridge-Ohio	Mental Health	3,962	3,888	3,901	-1.5%
		Primary Care	5,736	6,604	6,947	21.1%
		Specialty Care	3,319	3,602	3,750	13.0%
	(V10) (538GF) Wilmington-Ohio	Mental Health	510	1,203	1,185	132.4%
		Primary Care	2,173	4,948	5,047	132.3%
		Specialty Care	327	641	1,462	347.1%
	(V10) (757) Columbus-Ohio	Mental Health	64,464	61,204	61,791	-4.1%
		Primary Care	87,203	90,245	90,247	3.5%
		Specialty Care	422,665	440,013	463,612	9.7%
	(V10) (757GA) Zanesville	Mental Health	3,269	2,945	3,288	0.6%
		Primary Care	13,142	14,887	14,328	9.0%
		Specialty Care	7,873	7,264	7,016	-10.9%
	(V10) (757GB) Grove City	Mental Health	2,031	3,638	4,092	101.5%
		Primary Care	8,884	7,549	7,307	-17.8%
		Specialty Care	4,790	5,092	3,817	-20.3%
	(V10) (757GC) Marion-Ohio	Mental Health	2,890	2,925	3,214	11.2%
		Primary Care	11,531	10,001	10,136	-12.1%

Outpatient Encounters (FY17-19)

Market	Facility	Clinic Grouping	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (757GC) Marion-Ohio	Specialty Care	7,199	7,148	6,959	-3.3%
	(V10) (757GD) Newark-Ohio	Mental Health	1,418	2,596	3,122	120.2%
		Primary Care	11,645	11,893	12,540	7.7%
		Specialty Care	7,674	7,986	8,109	5.7%
	(V10) (757QA) Columbus 1 Mobile	Primary Care	83	13	27	-67.5%
	(V10) (757QC) Columbus-Airport Drive	Mental Health	21,558	21,835	22,638	5.0%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe VA Medical Center	Anesthesiology	63	73	58	-7.9%
		Audiology / Speech Pathology	6,886	7,558	7,272	5.6%
		Blind Rehabilitation	113	159	117	3.5%
		Cardiology	4,346	6,593	6,932	59.5%
		Chiropracty	4,178	3,335	4,604	10.2%
		Critical Care / Pulmonary Disease	4,662	6,205	6,397	37.2%
		Dermatology	1,193	909	1,215	1.8%
		Emergency Medicine	11,317	10,676	10,474	-7.4%
		Endocrinology	772	647	542	-29.8%
		Gastroenterology	4,180	3,838	4,121	-1.4%
		Geriatric Medicine	9,030	8,598	7,280	-19.4%
		Infectious Disease	6	24	35	483.3%
		Neurology	2,608	2,600	2,077	-20.4%
		Nutrition	1,668	2,303	2,303	38.1%
		Obstetrics & Gynecology	0	2	93	
		Occupational Health	288	237	209	-27.4%
		Ophthalmology	172	6	7	-95.9%
		Optometry	7,489	8,088	8,479	13.2%
		Orthopaedic Surgery	2,778	2,522	2,450	-11.8%
		Pain Medicine	2,161	4,028	4,575	111.7%
		Pathology	59,390	57,527	57,683	-2.9%
		Pharmacy	5,996	6,336	6,431	7.3%
		Physical Medicine & Rehabilitation	26,875	25,397	26,988	0.4%
		Podiatry	4,522	4,363	4,765	5.4%
		Prosthetics/Orthotics	57	104	76	33.3%
		Radiology	23,014	24,497	25,875	12.4%
		Sleep Medicine	0	0	553	
		Surgery	686	618	493	-28.1%
		Thoracic Surgery	46	17	16	-65.2%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe VA Medical Center	Urology	1,537	732	1,148	-25.3%
		Vascular Surgery	358	389	172	-52.0%
	(V10) (538GA) Athens VA Clinic	Audiology / Speech Pathology	39	3	8	-79.5%
		Cardiology	29	212	239	724.1%
		Dermatology	152	188	174	14.5%
		Geriatric Medicine	1,219	1,920	1,770	45.2%
		Neurology	12	18	21	75.0%
		Nutrition	150	134	147	-2.0%
		Optometry	1,655	1,611	1,796	8.5%
		Pharmacy	1,755	1,523	1,213	-30.9%
		Physical Medicine & Rehabilitation	252	261	276	9.5%
		Podiatry	1,012	722	710	-29.8%
		Prosthetics/Orthotics	35	50	41	17.1%
	(V10) (538GB) Portsmouth VA Clinic	Audiology / Speech Pathology	0	17	4	
		Cardiology	31	118	269	767.7%
		Dermatology	312	223	221	-29.2%
		Geriatric Medicine	1,621	2,275	2,296	41.6%
		Nutrition	105	123	150	42.9%
		Optometry	1,460	1,866	1,888	29.3%
		Pharmacy	1,276	1,225	1,020	-20.1%
		Physical Medicine & Rehabilitation	1,519	1,968	2,133	40.4%
		Podiatry	1,235	908	1,109	-10.2%
		Prosthetics/Orthotics	133	80	102	-23.3%
	(V10) (538GC) Marietta VA Clinic	Cardiology	15	28	27	80.0%
		Dermatology	105	83	99	-5.7%
		Endocrinology	15	26	17	13.3%
		Neurology	466	694	941	101.9%
		Nutrition	137	121	166	21.2%
		Optometry	1,274	1,343	1,079	-15.3%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538GC) Marietta VA Clinic	Pharmacy	252	137	61	-75.8%
		Physical Medicine & Rehabilitation	698	709	834	19.5%
		Podiatry	975	942	737	-24.4%
		Prosthetics/Orthotics	60	51	64	6.7%
	(V10) (538GD) Lancaster VA Clinic	Cardiology	205	275	182	-11.2%
		Dermatology	315	245	183	-41.9%
		Endocrinology	68	46	29	-57.4%
		Geriatric Medicine	1,972	1,641	1,779	-9.8%
		Neurology	0	12	20	
		Nutrition	204	186	194	-4.9%
		Optometry	2,197	2,219	2,413	9.8%
		Pharmacy	1,382	1,157	912	-34.0%
		Physical Medicine & Rehabilitation	806	1,110	1,070	32.8%
		Podiatry	1,477	1,589	1,455	-1.5%
		Prosthetics/Orthotics	71	62	28	-60.6%
	(V10) (538GE) Cambridge VA Clinic	Cardiology	30	34	29	-3.3%
		Dermatology	114	107	105	-7.9%
		Nutrition	32	32	51	59.4%
		Optometry	1,145	1,202	1,528	33.4%
		Pain Medicine	17	17	7	-58.8%
		Pharmacy	407	315	358	-12.0%
		Physical Medicine & Rehabilitation	474	752	750	58.2%
		Podiatry	1,023	1,062	872	-14.8%
	(V10) (538GF) Wilmington VA Clinic	Prosthetics/Orthotics	77	81	50	-35.1%
		Cardiology	126	237	207	64.3%
		Dermatology	37	60	39	5.4%
		Endocrinology	13	22	11	-15.4%
		Nutrition	28	82	50	78.6%
		Pharmacy	17	0	957	5529.4%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (538GF) Wilmington VA Clinic	Physical Medicine & Rehabilitation	106	240	198	86.8%
	(V10) (757) Chalmers P. Wylie Veterans Outpatient Clinic	Allergy and Immunology	978	972	1,080	10.4%
		Anesthesiology	316	338	355	12.3%
		Audiology / Speech Pathology	11,833	12,781	14,254	20.5%
		Blind Rehabilitation	845	1,064	1,264	49.6%
		Cardiology	12,460	12,299	12,389	-0.6%
		Chiropracty	2,783	4,422	7,316	162.9%
		Critical Care / Pulmonary Disease	12,677	13,445	14,068	11.0%
		Dermatology	15,754	14,739	16,668	5.8%
		Emergency Medicine	8,216	12,536	14,008	70.5%
		Endocrinology	4,675	4,306	6,875	47.1%
		Gastroenterology	7,950	7,666	7,907	-0.5%
		Geriatric Medicine	10,880	12,524	15,579	43.2%
		Hematology-Oncology	5,894	6,249	7,411	25.7%
		Infectious Disease	52	81	121	132.7%
		Nephrology	3,063	2,969	3,685	20.3%
		Neurological Surgery	31	2	0	-100.0%
		Neurology	7,246	9,080	9,218	27.2%
		Nutrition	3,210	2,935	2,713	-15.5%
		Obstetrics & Gynecology	504	617	570	13.1%
		Occupational Health	382	324	301	-21.2%
		Ophthalmology	15,951	15,725	15,266	-4.3%
		Optometry	23,448	24,488	24,949	6.4%
		Orthopaedic Surgery	4,387	5,259	6,125	39.6%
		Otolaryngology	2,002	2,325	1,984	-0.9%
		Pain Medicine	6,296	5,817	6,161	-2.1%
		Pathology	123,286	127,004	126,750	2.8%
		Pharmacy	21,240	20,204	19,869	-6.5%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (757) Chalmers P. Wylie Veterans Outpatient Clinic	Physical Medicine & Rehabilitation	25,744	25,882	27,754	7.8%
		Plastic Surgery	711	1,438	1,344	89.0%
		Podiatry	16,633	15,538	16,253	-2.3%
		Prosthetics/Orthotics	6,789	8,685	9,119	34.3%
		Radiology	33,121	34,876	37,484	13.2%
		Rheumatology	1,422	3,194	3,887	173.3%
		Sleep Medicine	0	0	83	
		Surgery	19,505	18,043	18,884	-3.2%
		Thoracic Surgery	10	21	11	10.0%
		Urology	9,380	8,637	8,614	-8.2%
		Vascular Surgery	2,991	3,528	3,293	10.1%
	(V10) (757GA) Zanesville VA Clinic	Cardiology	49	51	153	212.2%
		Critical Care / Pulmonary Disease	117	143	151	29.1%
		Dermatology	136	96	208	52.9%
		Endocrinology	24	13	0	-100.0%
		Gastroenterology	0	234	417	
		Geriatric Medicine	3,731	3,536	2,842	-23.8%
		Nutrition	58	81	59	1.7%
		Optometry	2,134	1,740	1,974	-7.5%
		Orthopaedic Surgery	0	0	0	
		Pharmacy	1,238	1,128	885	-28.5%
		Physical Medicine & Rehabilitation	349	183	251	-28.1%
		Prosthetics/Orthotics	32	58	76	137.5%
		Surgery	5	1	0	-100.0%
	(V10) (757GB) Grove City VA Clinic	Audiology / Speech Pathology	2,690	2,992	1,866	-30.6%
		Cardiology	74	103	30	-59.5%
		Critical Care / Pulmonary Disease	89	62	102	14.6%
		Dermatology	189	127	114	-39.7%

Specialty Care Encounters (FY17-19)

Market	Facility	Specialty	FY17	FY18	FY19	3 Year % Change
(V10) Central Ohio	(V10) (757GB) Grove City VA Clinic	Nutrition	27	38	44	63.0%
		Optometry	311	312	549	76.5%
		Pain Medicine	0	0	0	
		Pharmacy	1,078	1,177	750	-30.4%
		Physical Medicine & Rehabilitation	332	281	362	9.0%
	(V10) (757GC) Marion VA Clinic	Cardiology	148	208	159	7.4%
		Critical Care / Pulmonary Disease	111	125	149	34.2%
		Dermatology	155	110	46	-70.3%
		Gastroenterology	0	148	9	
		Geriatric Medicine	3,113	3,104	3,220	3.4%
		Nutrition	56	42	76	35.7%
		Optometry	2,126	2,034	2,057	-3.2%
		Pharmacy	1,342	1,292	1,112	-17.1%
		Physical Medicine & Rehabilitation	128	43	64	-50.0%
		Prosthetics/Orthotics	20	42	67	235.0%
	(V10) (757GD) Daniel L. Kinnard VA Clinic	Audiology / Speech Pathology	2,916	2,814	3,057	4.8%
		Cardiology	228	413	678	197.4%
		Critical Care / Pulmonary Disease	108	142	148	37.0%
		Dermatology	268	224	117	-56.3%
		Gastroenterology	96	382	451	369.8%
		Nutrition	126	127	83	-34.1%
		Optometry	2,657	2,655	2,593	-2.4%
		Orthopaedic Surgery	1	0	1	0.0%
		Pharmacy	1,096	1,068	777	-29.1%
		Physical Medicine & Rehabilitation	143	78	128	-10.5%
		Prosthetics/Orthotics	35	83	76	117.1%

Surgical Cases (FY15-19)

Market	Facility	Setting	FY15	FY16	FY17	FY18	FY19	5 Year % Change
(V10) Central Ohio	(V10) (757) Chalmers P. Wylie Veterans Outpatient Clinic	IP Cases	0	0	0	1	0	
		OP Cases	2,604	2,675	2,524	2,825	2,648	1.7%

Historical VAMC ADC

Market	Facility	Bed Service	FY15	FY16	FY17	FY18	FY19	5 Year % Change
(V10) Central Ohio	(V10) (538) Chillicothe VA Medical Center	CLC	147.5	142.8	135.4	154.1	154.3	4.6%
		Medical	19.4	15	14.1	15.8	12.7	-34.5%
		Mental Health	19.3	16.6	16.4	17.7	16	-17.1%
		RRTP*	69.5	64.1	68.8	65.5	63.4	-8.8%
		Total Med/Surg	19.4	15	14.1	15.8	12.7	-34.5%
		VAMC Total	255.7	238.5	234.7	253.1	246.4	-3.6%
	(V10) (757) Chalmers P. Wylie Veterans Outpatient Clinic	Medical			0.3	0.2		
		Neurology				0.2		
		Total Med/Surg			0.3	0.4		
		VAMC Total			0.3	0.4		

FY19 RRTP Beds and ADC

Market	Facility	RRTP Service	FY19 ADC	Operational Beds
(V10) Central Ohio	Chillicothe	General DOM	64.0	78

FY19 Community Capacity

Market	Facility	Bed Section	Beds	Beds Available	% Occupancy
(V10) Central Ohio	Chillicothe	Acute	4,418	832	61.7%
		Nursing Home	661	37	84.7%
		Psych	164	10	78.9%
		Rehab	107	14	67.9%
	Columbus	Acute	5,343	1,079	60.3%
		Nursing Home	4,301	211	86.6%
		Psych	174	8	80.2%
		Rehab	92	14	64.3%

BY19 Projected Parent Facility ADC (EHCPM)

Market	Parent Facility	Bed Service	Funding Source	FY19 Actual	FY29 Projected	10 Year % Change
(V10) Central Ohio	Chillicothe, OH HCS	Acute Inpatient Med/Surg	Community	15.0	17.2	15.0%
			In-House	12.8	10.8	-15.5%
		Acute Inpatient Medicine	Community	8.2	9.9	20.1%
			In-House	12.7	10.8	-15.5%
		Acute Inpatient Mental Health	Community	0.2	0.2	47.1%
			In-House	16.8	16.4	-2.6%
		Acute Inpatient Surgery	Community	6.7	7.3	8.7%
			In-House	0.0	0.0	-10.6%
		Inpatient LTSS	Community	6.9	8.8	27.4%
			In-House	152.1	113.5	-25.4%
		Inpatient Residential Rehab	In-House	62.9	49.0	-22.0%
	Columbus, OH HCS	Acute Inpatient Med/Surg	Community	39.6	47.9	21.1%
		Acute Inpatient Medicine	Community	21.8	28.4	30.0%
		Acute Inpatient Mental Health	Community	0.8	1.2	41.3%
		Acute Inpatient Surgery	Community	17.7	19.5	10.1%
		Inpatient LTSS	Community	54.6	77.9	42.5%

BY19 Projected Market ADC (EHCPM)

Market	Planning Category Group	Funding Source	FY19 ADC Actual	FY29 ADC Projected	10 Year % Change
(V10) Central Ohio	Acute Inpatient Med/Surg	Community	54.1	64.3	18.9%
		In-House	20.3	17.6	-13.2%
	Acute Inpatient Medicine	Community	29.0	36.9	27.1%
		In-House	17.1	14.8	-13.7%
	Acute Inpatient Mental Health	Community	1.2	1.6	38.2%
		In-House	14.5	14.2	-1.9%
	Acute Inpatient Surgery	Community	25.0	27.4	9.5%
		In-House	3.2	2.8	-10.6%
	Inpatient Blind Rehab	Community	0.0	0.0	
		In-House	1.3	1.5	14.2%
	Inpatient LTSS	Community	71.3	98.6	38.3%
		In-House	149.5	108.7	-27.3%
	Inpatient Residential Rehab	Community	0.0	0.0	
		In-House	66.3	53.6	-19.2%
	Inpatient Spinal Cord Injury	Community	0.0	0.0	
		In-House	1.9	1.1	-38.0%

BY18 RRTP Projected Market ADC (3D Model)

Market	Market (BY18)	RRTP Bed Section	FY28 ADC	FY28 Bed Need
(V10) Central Ohio	10-d	All Bed Sections	49.5	58
		Dom Homeless	14.4	17
		Gen Dom	17.2	20
		PTSD	4.1	5
		Substance Abuse	13.7	16

BY19 Projected Market RVUs (EHCPM)

Market	Planning Category Group	Funding Source	FY19 RVUs Actual	FY29 RVUs Projected	10 Year % Change
(V10) Central Ohio	Amb LTSS Home and Community Based	In-House	67,349	73,095	8.5%
	Amb Medical Specialties	Community	106,819	190,609	78.4%
		In-House	279,031	430,117	54.1%
	Amb Mental Health Programs	Community	2,978	6,754	126.7%
		In-House	284,609	430,313	51.2%
	Amb Pathology	Community	5,831	10,807	85.3%
		In-House	12,847	18,376	43.0%
	Amb Primary Care	Community	28,854	89,945	211.7%
		In-House	233,029	342,434	46.9%
	Amb Radiology	Community	41,905	63,203	50.8%
		In-House	50,942	75,701	48.6%
	Amb Rehab Therapies	Community	21,622	38,552	78.3%
		In-House	63,486	95,163	49.9%
	Amb Surgical Specialties	Community	71,710	132,814	85.2%
		In-House	132,862	211,095	58.9%
	Specialty Care (Amb Med/Surg/Rehab)	Community	200,150	361,975	80.9%
		In-House	475,379	736,375	54.9%

BY19 Projected Market Dental Procedures (EHCPM)

Market	Funding Source	FY19 Procedures Actual	FY29 Procedures Projected	Projected % Change
(V10) Central Ohio	Community	1,373	2,158	57.2%
	In-House	44,559	66,965	50.3%

Enrollment Proximity to Current VA Sites by Market

Market	Market (FY18)	Total Enrollees	Primary Care # of Enrollees within 30 Min Drive Time	Primary Care % of Enrollees within 30 Min Drive Time	Secondary Care # of Enrollees within 60 Min Drive Time	Secondary Care % of Enrollees within 60 Min Drive Time
(V10) Central Ohio	10-d	82,888	70,044	84.5%	68,277	82.4%

Real Property Overview

Market	Facility	Acres Available	Property Size	Main Patient Care Facility Construction Date	Most Recent Renovation Date (Main Hospital Building)	Estimated Annual Operations and Maintenance Cost	FCA Cost	Seismic Risk
(V10) Central Ohio	Chillicothe	97.0	308	1938	2012	\$10,891,607	\$75,285,235	Low Risk
	Columbus	0.0	22	2008		\$6,150,254	\$15,186,539	Low Risk

Building FCA

Market	Station	Building No	Function Title	FCA Correction Cost
(V10) Central Ohio	Chillicothe	1	Administration	\$2,843,950
		12	Single Quarters	\$774,929
		13	Personnel Garage	\$680,356
		14	Electrical Vault for Building 1	\$683,751
		15	Garage/Storage	\$861,015
		16	Pump House	\$909,479
		17	Switchgear Building	\$778,671
		179	Storage	\$0
		18	Offices	\$1,234,153
		19	Electrical Substation	\$87,153
		197	Storage	\$0
		2	Vacant	\$17,793
		20	Engineering Shops	\$1,088,596
		205	Garage	\$10,282
		206	Garage	\$79,945
		207	Garage	\$6,811
		208	Storage	\$6,257
		21	Engineering Offices	\$619,368
		210	Patient Building	\$232,657
		211	Patient Building	\$435,361
		212	Child Care/Offices	\$1,229,937
		218	Water Softening Plant	\$72,448
		22	Engineering Shop	\$299,793
		228	Paint/Electrical Shops	\$99,209
		23	Warehouse	\$493,321
		24	Patient Building	\$5,632,161
		247	Gymnasium/Pool	\$333,388
		25	Voc Rehab/Linen Distribution	\$1,931,011
		250	Hazardous Waste Holding	\$98,533
		251	Golf House	\$7,117
		252	Chapel	\$278,611
		256	Water treatment	\$611,954

Building FCA

Market	Station	Building No	Function Title	FCA Correction Cost
(V10) Central Ohio	Chillicothe	259	Boiler Plant	\$253,830
		26	Patient Building	\$3,605,253
		261	Boiler Plant	\$15,660
		27	Administration Building	\$4,832,194
		28	Offices/Canteen	\$3,358,534
		29	Backflow Preventor Building	\$337,904
		3	Rehab Clinics	\$1,658,996
		30	Patient Building	\$4,556,836
		31	Outpatient Clinics	\$7,279,775
		35	Mental Health & Dom	\$7,029,603
		36	Engineering Storage Building	\$552,475
		38	Engineering Shop	\$0
		39	Engineering Shop	\$0
		4	Vocational School	\$17,990
		40	Engineering Shop	\$22,985
		41	Grounds Storage/Unoccupied	\$0
		5	Alvis House/Vacant on 2	\$0
		51	Greenhouse	\$76,397
		52	Greenhouse	\$118,467
		53	Greenhouse	\$123,139
		54	Greenhouse	\$453,963
		55	Greenhouse	\$0
		57	Storage	\$0
		6	Vacant	\$0
		60	Museum (Old House)	\$150,859
		7	Food Service	\$5,194,352
		8	Offices	\$2,084,113
		9	Auditorium	\$1,899,939
		CC	Garage/Storage	\$470,800
		Site	Site Utilities	\$8,753,159
	Columbus VAACC	1A	New Outpatient Clinic	\$9,824,068
		ENG	Engineering Building	\$151,090

Building FCA

Market	Station	Building No	Function Title	FCA Correction Cost
(V10) Central Ohio	Columbus VAACC	Site	Site Utilities	\$5,211,381

FY20 Allocated Training Positions

Market	Facility	Training Category	Program Name	Paid	WOC	Total HPTs
(V10) Central Ohio	Chillicothe	Admin	Healthcare Administration	0	1	1
		Associated Health	Audiologist Student	0	2	2
			Chiropractor Student	0	8	8
			Nutritionist/dietitian Intern/Fellow	5	2	7
			Occupational Therapist Student/Intern	0	3	3
			Optometrist Resident/Fellow	2	3	5
			Optometrist Student/Extern	0	14	14
			Pharmacist Resident/Fellow	4	0	4
			Pharmacist Student/Extern	0	15	15
			Physical Therapist Student/Intern	0	2	2
			Physician Assistant Resident	2	0	2
			Physician Assistant Student	0	2	2
			Psychologist Intern	5	0	5
			Psychologist Student	0	1	1
			Radiologic Technologist	0	4	4
			Social Worker Student/Intern	2	4	6
			Speech-Language Pathologist Student/Intern	0	1	1
			Ultrasonographer	0	1	1
		Dental	Dental Student	0	10	10
			Dentist, General Practice	0	6	6
		Medical	Family Medicine-Geriatric Medicine	0	4	4
			Internal Medicine-Geriatric Medicine	0	3	3
			Medical Student	0	19	19
		Nurse	APN-NP Student	3	11	14
			Registered Nurse Student	0	48	48
		Psychiatry/Neurology	Psychiatry	0	11	11
	Columbus	Anesthesiology/Surgery	Ophthalmology	0	16	16
			Surgery	0	4	4
		Associated Health	Audiologist Extern	4	0	4
			Audiologist Student	0	3	3
			Nutritionist/dietitian Student	0	4	4
			Occupational Therapist Student/Intern	0	2	2

FY20 Allocated Training Positions

Market	Facility	Training Category	Program Name	Paid	WOC	Total HPTs
(V10) Central Ohio	Columbus	Associated Health	Optometrist Resident/Fellow	5	0	5
			Optometrist Student/Extern	0	11	11
			Pharmacist Resident/Fellow	2	0	2
			Pharmacist Student/Extern	0	11	11
			Physical Therapist Student/Intern	0	1	1
			Psychologist Resident	5	0	5
			Psychologist Student	0	2	2
			Radiographer	0	4	4
			Radiologic Technologist	0	3	3
			Social Worker Student/Intern	12	2	14
		Dental	Dental Student	0	5	5
			Dentist, General Practice	0	7	7
		Medical	Allergy & Immunology	0	2	2
			Dermatology	0	9	9
			Dermatopathology	0	1	1
			Family Medicine	0	13	13
			Family Medicine-Geriatic Medicine	0	6	6
			Internal Medicine	0	28	28
			Medical Student	0	15	15
			Physical Medicine & Rehabilitation	0	7	7
		Nurse	APN-NP Student	0	19	19
			Registered Nurse Student	0	27	27
		Psychiatry/Neurology	Psychiatry	0	5	5

Academic Ranking (by Total HPTs)

Market	Facility	Total HPTs	National Ranking (out of 154 sites)
(V10) Central Ohio	Chillicothe	198	111
	Columbus	235	105

Footnotes

Market Population Rank (out of 95 markets)

Note: The VISN 02 Finger Lakes and Southern Tier markets merged in 2019 during the market assessments, changing the count of markets assessed from 96 to 95.

County-Based Enrollee Projections

Note: Market totals do not exactly match the values in the Rurality tables due to a difference in data sources.

Note: Counties with fewer than 10 enrollees were reduced to 0 based on privacy guidelines.

Rurality

Note: FY19 enrollees in this data differ from the values shown in the EHCPM (Projected Population). This data is sourced from the Geocoded Enrollee file.

Note: Rural enrollees include enrollees residing in rural and highly rural locations.

Note: Counties with fewer than 10 enrollees were reduced to 0 based on privacy guidelines.

Core Uniques

Note: Core uniques excludes uniques who have only used telephone triage, pharmacy, and lab.

Historical VAMC ADC

Note: *RRTP includes Domiciliary and Compensated Work Therapy/Transitional Residence (CWT/TR) bed services.

FY19 Community Capacity

Note: Although similar data was incorporated in the DD&F, community capacity in this compendium displays the supply of total community beds, occupancy, and beds available among community providers within 60 minutes of each VAMC or HCC. Each community hospital or nursing home which is not currently included in the Veterans Community Care Program or does not meet the minimum quality criteria established in the Section 203 Criteria analysis is excluded. Additionally, providers at or above target occupancy (80% for short-term acute care hospitals, 90% for nursing homes) are assumed to have no bed availability.

BY19 Projected Market RVUs (EHCPM)

Note: Specialty Care includes Medical Specialties, Surgical Specialties, and Rehab Therapies.

OP Encounters & SC Encounters

Note: The stop code mapping used in the data compendium is based on a custom stop code mapping created by VA for the market assessments. The Data Discovery and Findings (DD&F) documents used the Public Data Clinic Group stop code mapping.

Enrollment Proximity to Current VA Sites by Market

Note: Primary care sites include VAMCs, HCCs, MS CBOCs, and CBOCs. Secondary care sites include VA facilities providing ambulatory surgery or acute inpatient services.

Real Property Overview

Note: Acres available provides an indication of any excess or surplus land, not currently in use and has no plans for future expansion needs that could be used for future development.

Building FCA

Note: Project Costs to remediate FCAs vary significantly, from below assessed value to more than 3 times the value.

FY20 Allocated Training Positions

Note: This data displays the number of paid, unpaid (WOC), and total Health Profession Trainees (HPTs) at each facility by training program. This data was acquired from the Office of Academic Affiliations.

Sources

Facility Hierarchy

FY21 Q4 VA Site Tracking (VAST)

Enrollee Projections

BY19 EHCPM

Rurality

Geocoded Enrollee FY19 Q4

Core Uniques

VSSC Uniques Cube

ED/UCC Encounters

VSSC Encounters Cube

ED Transfers & Admissions

Emergency Medicine Management Tool

Surgical Cases

National Surgery Office

Outpatient Encounters

VSSC Encounters Cube

Historical VAMC ADC

MCAO Discharge Cube

Projected Demand

BY19 EHCPM

Projected RRTP Demand

RRTP 3D Model

FY19 RRTP Beds and ADC

RRTP Program Office

FY19 Quality Community Capacity

2019 CMS Cost Reports

Enrollment Proximity to Current VA Sites by Market

FY19 Q4 Enrollment; FY19 Q4 VAST data; VHA OPP Planning Systems Support Group

Real Property Overview

CAI Buildings and FCA Condition Gaps Report (November 2021)

Building FCA

CAI Buildings and FCA Condition Gaps Report (November 2021)

Emergency Preparedness Primary Receiving Centers

Office of Emergency Management

Academic Mission - Allocated Training Positions

Office of Academic Affiliations

Research Mission - Research Funding

Office of Research and Development